

Unit Number :
Unit Name : Main Amp Unit

MISCELLANEOUS

Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
**	IC	551			TA8205AH
*	D	551			1SS133
					(1SS176)
					(US1040M)
*	D	571 572			ERC05
*	D	573 574			ERA15
*	D	575			ERA15
L		571	Choke Coil		CTH1015

RESISTORS

Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
R	551 552		(KEH-6080SDK KEH-6080B)		RD1/4PS272JL
R	551 552		(KEH-5080SDK KEH-5080B)		RD1/4PS0R0JL
R	553 554		(KEH-6080SDK KEH-6080B)		RD1/4PS182JL
R	553 554		(KEH-5080SDK KEH-5080B)		RD1/4PS473JL
R	555 556				RS1/10S471J
R	559 560 561 562				RD1/4PS4R7JL
R	563				RS1/8S473J
R	564				RD1/10S224J

CAPACITORS

Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
C	551 552 557				CEAUH4R7M50
C	553 554				CKSQYB102K50
C	555 556				CEAUH470M10
C	559 560 561 562				CQFAH224J50L
C	563				CEAUH221M16
C	564				CCH1011
C	571 572				CKSYB472K50
C	573				CEAUH101M16
C	574				CKSQYB222K50

Unit Number :
Unit Name : Front L Unit

Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
**	IL	901 902 903	Lamp 14V 40mA		CEL1004
**	S	904 905 906 907 908 914 915 924 925 926 934 935 936	Switch		CSG-253

Unit Number :
Unit Name : Switch P.C.Board

Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
*	D	1	(KEH-6080SDK KEH-6080B)		F1SR35-100A
**	S	1 2	Switch(Mute & Motor)		HSN1001
**	S	3	Switch(Tape/Tuner)		HSK-126

Unit Number :
Unit Name : P.C.Board Unit

Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
**	S	1		Switch(FWD/REV)	HSN1001

Miscellaneous Parts List

Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
**	HD	1		Head	EPB1001
**	M	1		Motor Unit	EXA1013
**	SO	1		Solenoid	EXP1001
				(KEH-6080SDK KEH-6080B)	

Mark ===== Circuit Symbol & No. ===== Part Name Part No. RESISTORS

R 755 756 RS1/8S682J
 R 759 RS1/8S224J
 R 779 RS1/8S563J
 R 783 RD1/4PS333JL

CAPACITORS

Mark ===== Circuit Symbol & No. ===== Part Name Part No.
 C 251 252 CCSSL471J50
 C 253 254 CEANL4R7M35LL
 C 255 256 658 661 CEA470M16LS
 C 257 258 259 260 702 705 707 710 711 CKSYB103K50
 C 261 CEA101M10LL
 C 262 665 CEA220M16LS
 C 471 659 660 CEA100M16LS2
 C 453 454 CKSQYB332K50
 C 457 458 CKSQYB333Z50
 C 459 460 CCSCH330J50
 C 461 462 CEA4R7M25L2
 C 463 464 CKSYB272K50
 C 465 466 CEAR33M50LS2
 C 651 657 713 CKSYF473Z50
 C 652 CEA010M50LS2

Mark ===== Circuit Symbol & No. ===== Part Name Part No.
 R 2 RS1/8S223J
 R 4 RS1/8S682J
 R 5 RS1/8S471J
 R 6 RS1/10S681J
 R 7 RS1/10S223J
 R 51 RS1/10S0R0J
 R 52 RS1/10S331J
 R 53 57 802 RS1/10S473J
 R 54 RS1/10S683J
 R 55 60 RS1/10S153J
 R 56 RS1/10S123J
 R 58 RS1/10S682J
 R 59 RD1/4PS153JL
 R 61 62 RS1/10S472J
 R 71 RS1/10S474J
 R 101 RS1/10S332J
 R 102 RS1/8S183J
 R 103 RS1/8S562J
 R 801 RS1/10S222J

CAPACITORS

C 653 CEA221M10L2
 C 654 CEA470M16L2
 C 655 CCEA101M10L2
 C 656 CEA100M16L2
 C 663 664 CKSYB472K50
 C 666 CEA220M16L2
 C 701 CCSSL561J50
 C 703 704 CCSSL101J50
 C 708 CCH1005
 C 709 CEAR47M50LS
 C 714 715 CCSCH090D50
 C 716 717 718 719 720 722 CKSYB103K50
 C 721 CCSSL561J50
 C 751 CCH1008
 C 771 772 CEA4R7M35LS

Mark ===== Circuit Symbol & No. ===== Part Name Part No.
 C 1 CKSQYB102K25
 C 2 802 CKSQYB103K50
 C 3 CCSQL561J50
 C 4 51 54 CKSYF473Z50
 C 52 53 59 CKSYF473Z50
 C 55 62 CCSQL330J50
 C 56 63 CEAR47M50LS2
 C 57 CKSYF104Z25
 C 58 CEA010M50LS2
 C 60 CCSQL101J50
 C 61 CEA4R7M16NPLL
 C 70 CCSQCH200J50
 C 101 105 161 803 CEA470M16LS
 C 152 CKSQYB332K50
 C 154 CKSQYB153K25
 C 159 160 CKSYB123K50
 C 801 CQMA683J50
 C 804 CEA4R7M35LS
 C 805 CEA220M16LS
 C 806 CSZAR33M35

Unit Number :

Unit Name : FM Unit(KEH-6080SDK KEH-5080SDK)

MISCELLANEOUS

Mark ===== Circuit Symbol & No. ===== Part Name Part No.
 ** IC 51 LA1140B
 ** IC 101 KHA115
 ** IC 151 MX3S400
 ** IC 801 KHA142
 ** Q 1 Chip Transistor 2SA1162SG
 (2SA1179)
 ** Q 2 Chip Transistor DTC124EK
 ** Q 51 Chip Transistor 2SC2712
 (2SD601)
 ** Q 71 2SJ105
 * D 151 Chip Diode MA151WA
 L 1 51 Inductor LAU150K
 T 51 Coil CTC1029
 CF 51 52 Ceramic Filter CTF-182
 X 801 Ceramic Resonator CSS1019
 ** VR 1 Semi-fixed 10kΩ(B) CCP-322
 ** VR 101 152 Semi-fixed 15kΩ(B) CCP-323
 ** VR 151 Semi-fixed 150kΩ(B) CCP-329
 Front End Unit CWB1022

Unit Number :

Unit Name : FM Unit(KEH-6080B KEH-5080B)

MISCELLANEOUS

Mark ===== Circuit Symbol & No. ===== Part Name Part No.
 ** IC 51 LA1140B
 ** IC 101 LA2110
 ** IC 151 LA3430P
 ** Q 1 Chip Transistor 2SA1162
 (2SA1179)
 ** Q 2 Chip Transistor DTC124EK
 ** Q 51 Chip Transistor 2SC2712
 (2SD601)
 ** Q 71 Chip Transistor 2SJ106
 * D 151 1S2473VH

Mark ===== Circuit Symbol & No. ===== Part Name Part No. Unit Number :
Unit Name : AM Unit

L 1 51 Inductor LAU150K
T 51 Coil CTC1029
CF 51 52 Ceramic Filter CTF-182
CR 101 CWW-107
X 151 Ceramic Resonator CSS1022

** VR 1 101 Semi-fixed 10kΩ(B) CCP-322
** VR 151 Semi-fixed 150kΩ(B) CCP-329
** VR 152 Semi-fixed 15kΩ(B) CCP-323
Front End Unit CWB1022

RESISTORS

Mark ===== Circuit Symbol & No. ===== Part Name Part No.

R 2 7 152 RS1/10S223J
R 4 58 104 RS1/10S682J
R 5 RS1/10S471J
R 6 RS1/8S681J
R 21 22 51 RS1/8S0R0J

R 52 RS1/10S331J
R 53 57 RS1/10S473J
R 54 RS1/10S683J
R 55 60 RS1/10S153J
R 56 RS1/8S123J

R 59 RD1/4PS153JL
R 61 62 RS1/10S472J
R 71 RS1/10S474J
R 101 RS1/10S332J
R 102 RS1/10S392J

R 103 RS1/10S183J
R 151 RS1/10S222J
R 153 RS1/8S472J
R 156 157 RS1/10S332J
R 158 RS1/10S334J

CAPACITORS

Mark ===== Circuit Symbol & No. ===== Part Name Part No.

C 1 CKSQYB102K50
C 2 101 102 CKSQYB103K25
C 3 CCSQSL561J50
C 4 51 52 53 54 59 CKSQYF473Z50
C 55 62 CCSQSL330J50

C 56 63 CEAR47M50LS2
C 57 CKSQYF104Z25
C 58 156 CEA010M50LS2
C 60 CCSQSL101J50
C 61 CEA4R7M16NPLL

C 70 CCSQCH200J50
C 103 105 161 CEA470M16LS
C 104 CKSQYB182K50
C 151 CKSYF473Z50
C 152 CKSQYB332K50

C 153 CKSQYB223K25
C 154 CKSQYB153K25
C 155 CEA3R3M50LS
C 157 CSZAR22M50
C 158 CCSQSL681J50
C 159 160 CKSYB183K25

Mark ===== Circuit Symbol & No. ===== Part Name Part No.

** IC 201 PA4010
** Q 201 2SK435
** Q 202 2SC2458
** Q 203 204 205 DTC124ES
* D 201 202 204 205 ISS133

* D 203 Variable Capacitance Diode SVC203-AB
L 201 Ferri-Inductor CTF1026
L 202 Ferri-Inductor LAU220K
L 203 Ferri-Inductor LAU470K
L 204 Ferri-Inductor LAU4R7K

T 201 Coil CTB1019
T 202 Coil CTB1004
T 203 Coil CTB1008
T 204 Coil CTE1006
T 205 Coil CTE1007

T 206 Coil CTE1008
CF 201 Filter CTF1041
(CTF1027)
CF 202 Filter CTF-100
X 201 Xtal CSS1014

RESISTORS

Mark ===== Circuit Symbol & No. ===== Part Name Part No.

R 201 RS1/10S220J
R 202 RS1/10S681J
R 203 206 RS1/10S222J
R 204 RS1/10S473J
R 205 RS1/10S470J

R 207 RS1/10S822J
R 208 RS1/10S103J
R 209 RD1/4PS470JL
R 210 RS1/10S682J
R 211 RD1/4PS103JL

CAPACITORS

Mark ===== Circuit Symbol & No. ===== Part Name Part No.

C 201 209 223 228 CKSQYB103K50
C 202 212 214 CKSQYB332K50
C 203 215 216 219 226 CKSQYF473Z50
C 204 208 210 CKSQYB223K50
C 205 CCSQCH220J50

C 206 207 CCSQCH820J50
C 211 CEA010M50LS2
C 213 CCSQCH220J50
C 218 CEA2R2M50NPLL
C 220 CCSQCH430J50

C 221 CCSQCH1000J50
C 222 CSA010K25
C 224 CEA470M16LS
C 225 CKSQYB333K25
C 227 CEA4R7M35LS

C 229 CEA470M16LS
C 230 CEA220M6R3LL
C 232 CCPSL220J50L

Mark	====	Circuit Symbol & No.	====	Part Name	Part No.	Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
* D	664	704			ISS133 (1SS176) (US1040M)	R	704	705		RS1/8S101J	
						R	706			RD1/4PM331J	
						R	707			RD1/4PM222J	
* D	665				RD2R7ESB2 (HZS2R7EB2)	R	708	710		RS1/10S473J	
						R	709	783		RD1/4PS333JL	
* D	702				HZS3R0EB2 (RD3R0ESB2)	R	711	725 741 742 827		RD1/4PM472J	
					1SS135	R	712	714 771 772		RS1/8S473J	
* D	705				SLR-320DU3LM	R	716			RD1/4PS393JL	
* D	951	952	LED		SLR-320PG3KL	R	733			RD1/4PM104J	
* D	953		LED			R	738			RD1/4PS221JL	
L	701			Ferri-Inductor	LAU470K	R	752			RS1/8S392J	
L	702			Ferri-Inductor	LAU2R2M	R	755	756		RS1/8S682J	
H	101			Capacitor with Discharge Gap	CCX-006	R	759			RS1/8S224J	
X	701			Xtal	CSS1011	R	775	776		RD1/4PS154JL	
** S	451			Switch(LOUDNESS)	CSG-207	R	779	831		RS1/8S563J	
** S	916			Switch(SDK)	CSG-253	R	812			RS1/8S271J	
** S	951			Switch(NS)	CSG1015	R	815			RD1/4PS183JL	
** IL	771	772		Lamp 14V 40mA	CEL1034	R	822			RS1/8S333J	
** IL	951			Lamp 14V 40mA	CEL1004	R	828			RS1/8S122J	
** VR	451	452		Volume(BASS TREBLE) 20kΩ(B)×2	CCS1076	R	833			RD1/4PS271JL	
** VR	454/S651			Volume/Switch(VOLUME BALANCE/ TUNER POWER) 20kΩ(B)×2 50kΩ(W)×1 LCD	CCS1075 CWW1078	CAPACITORS					
RESISTORS						Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
R	251	252			RS1/8S151J	C	251	252 826		CCSSL471J50	
R	257	258			RD1/4PS133JL	C	253	254		CEANL4R7M35LL	
R	259	260			RD1/4PS334JL	C	255	256 658 661		CEA470M16LS	
R	261	262 718 719 724 739			RD1/4PS222JL	C	257	258 702 705 707 710 711		CKSYB103K50	
R	263	264 723			RS1/8S152J	C	259	260		CKSYB123K50	
R	265				RD1/4PS104JL	C	261			CEA101M10LL	
R	266	737			RS1/8S104J	C	262	665 811		CEA220M16LS	
R	271				RS1/8S681J	C	453	454		CKSQYB332K50	
R	272	653 811			RD1/4PS471JL	C	457	458		CKSQYF333Z50	
R	273	274 780 826			RS1/8S222J	C	459	460		CCSCH330J50	
R	453	454 455 456 728			RS1/8S332J	C	461	462		CEA4R7M35L2	
R	457	458 459 460			RS1/8S153J	C	463	464		CKSYB272K50	
R	463	659 660 683 688 740 813 814			RS1/8S103J	C	465	466		CEAR33M50LS2	
R	464	654 729 787 788 821 830			RS1/8S223J	C	471	659 660 773 774		CEA100M16LS2	
R	465	466 471 472 701 832			RS1/8S102J	C	651	657 713		CKSYF473Z50	
R	467	468 469 470			RD1/4PS272JL	C	652			CEA010M50LS2	
R	655	720 722 726 727			RD1/4PS102JL	C	653			CEA221M10L2	
R	656				RD1/4PS471JL	C	654	829		CEA470M16L2	
R	657				RD1/4PS104JL	C	655			CEA101M10L2	
R	658	664 666 669 672 673 676 736 754			RD1/4PS103JL	C	656			CEA100M16L2	
R	661	674 713 715 717 751 773 774			RD1/4PS473JL	C	663	664		CKSYB472K50	
R	662				RD1/4PM103J	C	666			CEA220M16L2	
R	663	721 753			RD1/4PS472JL	C	701			CCSSL561J50	
R	665	675 829			RS1/8S472J	C	703	704		CCSSL101J50	
R	667				RD1/4PS331JL	C	706			CKSYB102K50	
R	668				RD1/4PS101JL	C	708		4.7 μF/16V	CCH1005	
R	670				RD1/4PM473J	C	709			CEAR47M50LS	
R	671				RD1/4PS561JL	C	714	715		CCSCH090D50	
R	678	679			RD1/4PM821J	C	716	717 718 719 720 722		CKSYB103K50	
R	682	684 687 734 735			RD1/4PS223JL	C	721			CCSSL561J50	
R	695	696 758 777 784 785			RS1/8S0R0J	C	751		8200 μF/5.5V	CCH1008	
R	697				RD1/4PS472JL	C	771	772		CEALNP4R7M16	
R	698				RD1/4PS102JL	C	821	830		CEA4R7M35LS	
R	702	823			RS1/8S182J	C	823	824		CKSYB223K50	
R	703				RS1/8S821J	C	822	825		CEAR47M50LS2	
						C	827			CCSSL271J50	

Tuner Audio Unit(KEH-5080B)
Consists of
● Mother Unit
● NVM Unit
● Front R Unit

Unit Number :
Unit Name : Tuner Audio Unit(KEH-5080B)

MISCELLANEOUS

Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
**	IC	251		M51522AL	
**	IC	451 771		TA75558S	
**	IC	651		AN6540	
**	IC	701		PD4123	
**	IC	751		PDG011	
**	Q	251 252 253 655 656 659 660 661 663 664		2SC2458	
**	Q	651 652		(2SC1740S)	
**	Q	654 657 658 751		0TC314TS	
**	Q	653 669		2SA1048	
**	Q	671 710		(2SA933S)	
**	Q	701		2SD1919	
**	Q	702 707		0TC124XS	
**	Q	703 704 705 712		(UN4212)	
**	Q	706		2SC2498	
**	Q	708 709		(2SC2026)	
**	Q	711 715		2SC2458	
* D	251 652 655 666 703 710 711 712 713 771			(2SC1740S)	
	772			0TC144ES	
				(UN4213)	
* D	252			2SK330	
* D	651			2SA1150	
* D	653 707 714 715 716 717 773 774 775 776			2SC3113	
				1SS133	
				(1SS176)	
				(US1040M)	
* D	656			HZS8R2EB2	
* D	657			(RD8R2ESB2)	
				HZS9R1EB2	
				(RD9R1ESB2)	
				US1040	
* D	658			(1S1555)	
* D	659			(DS442)	
				RD7R5ESB2	
				(HZS7R5EB2)	
				HZS5R1EB2	
* D	662 664 704			(RD5R1ESB2)	
				HZS7R5EB2	
				(RD7R5ESB2)	
				HZS5R6JB2	
				(RD5R6JSB2)	
* D	665			1SS133	
* D	702			(1SS176)	
				(US1040M)	
				RD2R7ESB2	
				(HZS2R7EB2)	
* D	705			HZS3R0EB2	
* D	951 952	LED		(RD3R0ESB2)	
* D	953	LED		1SS135	
				SLR-320DU3LM	
				SLR-320PG3KL	

Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
L	701			Ferri-Inductor	LAU470K
L	702			Ferri-Inductor	LAU2R2M
H	101			Capacitor with Discharge Gap	CCX-006
X	701			Xtal	CSS1011
**	S	451		Switch	CSG-207
**	S	951		Switch	CSG1015
**	IL	771 772		Lamp	CEL1034
**	IL	951		Lamp 14V 40mA	CEL1004
**	VR	451 452		Volume(BASS TREBLE) 20kΩ(B)×2	CCS1076
**	VR	454/S651		Volume/Switch(VOLUME BALANCE/ TUNER POWER) 20kΩ(B)×2	CCS1075
				50kΩ(W)×1	
				LCD	CWV1078

RESISTORS

Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
R	251 252			RS1/8S151J	
R	257 258			RD1/4PS133JL	
R	259 260			RD1/4PS334JL	
R	261 262 467 468			RD1/4PS272JL	
R	263 264 702			RS1/8S182J	
R	265 775 776			RD1/4PS104JL	
R	266 737			RS1/8S104J	
R	271			RS1/8S681J	
R	272 653			RD1/4PS471JL	
R	273 274 780			RS1/8S222J	
R	453 454 455 456			RS1/8S332J	
R	457 458 459 460			RS1/8S153J	
R	463 659 660 683 688 740			RS1/8S103J	
R	464 654			RS1/8S223J	
R	465 466 471 472 701			RS1/8S102J	
R	655 720 722 726 727			RD1/4PS102JL	
R	656			RD1/4PS471JL	
R	657			RD1/4PS104JL	
R	658 664 666 669 672 676 736 754			RD1/4PS103JL	
R	661 674 717 751 773 774			RD1/4PS473JL	
R	662			RD1/4PM103J	
R	663 721 753			RD1/4PS472JL	
R	665 675			RS1/8S472J	
R	667			RD1/4PS331JL	
R	668			RD1/4PS101JL	
R	670			RD1/4PM473J	
R	671			RD1/4PS561JL	
R	678 679			RD1/4PM821J	
R	682 684 687 734 735			RD1/4PS223JL	
R	696 758 777 784 785			RS1/8S080J	
R	697			RS1/4PS472JL	
R	698			RS1/4PS102JL	
R	703			RS1/8S821J	
R	704 705			RS1/8S101J	
R	706			RD1/4PM331J	
R	707			RD1/4PM222J	
R	710			RS1/10S473J	
R	711 725 741 742			RD1/4PM472J	
R	714 771 772			RS1/8S473J	
R	716			RD1/4PS393JL	
R	718 719 724 739			RD1/4PS222JL	
R	723			RS1/8S152J	
R	733			RD1/4PM104J	
R	738			RD1/4PS221JL	
R	752			RS1/8S392J	

Tuner Audio Unit(KEH-6080B)

Consists of

- Mother Unit
- Pre-NVM Unit
- Front R Unit
- MS Dolby Unit

Unit Number :

Unit Name : Tuner Audio Unit(KEH-6080B)

MISCELLANEOUS

Mark ===== Circuit Symbol & No. ===== Part Name Part No.

** IC 251
 ** IC 301
 ** IC 401
 ** IC 451 771
 ** IC 651

** IC 701
 ** IC 751
 ** IC 851
 ** Q 251 252 401 402 451 452 453 454 655 656

** Q 253 653 669
 ** Q 403 654 657 658 670 751

** Q 651 652 667 668
 ** Q 659 660 661 663 664 665 666 702

** Q 671 710

** Q 701

** Q 703 704 705 712

** Q 706
 ** Q 707

** Q 708 709
 ** Q 711 715
 * D 251 652 655 664 666 703 704 710 711 712
 713

* D 252

* D 401

* D 651

* D 653 707 714 715 716 717 773 774 775

* D 656

* D 657

* D 658

* D 665

* D 702

* D 705

M51522AL
 CXA1102P
 PA0011
 TA75558S
 AN6540

PD4123
 PDG011
 CWW1079
 2SC2458
 (2SC1740S)

2SD1919

2SA1048

(2SA933S)

DTC314TS

2SC2458

(2SC1740S)

DTC124XS

(UN4212)

2SC2498

(2SC2026)

DTC144ES

(UN4213)

2SK330

2SC2458

(2SC1740S)

2SA1150

2SC3113

1SS133

(1SS176)

(US1040M)

HZS8R2EB2

(MTZ8R2B)

HZS9R1EB2

(MTZ9R1B)

HZS9R1EB1

(RD9R1ESB1)

1S1555

(US1040)

(DS442)

RD7R5ESB2

(HZS7R5EB2)

HZS5R1EB2

(MTZ5R1B)

HZS7R5EB2

(MTZ7R5B)

RD2R7ESB2

(HZS2R7EB2)

HZS3R0EB2

(RD3R0ESB2)

1SS135

Mark ===== Circuit Symbol & No. ===== Part Name Part No.

* D 771 772

.SS133

(1SS176)

(US1040M)

1S1555

(US1040)

* D 776

(DS442)

SLR-320PG3KL

* D 951 952 953 954

LED

* D 955

LED

SLR-320VR3FKL

L 701

Ferri-Inductor

LAU470K

L 702

Ferri-Inductor

LAU2R2M

H 101

Capacitor with Discharge Gap

CCX-006

X 701

Xtal

CSS1011

** S 451

Switch

CSG-207

** IL 771 772

Lamp

CEL-148

** IL 951

Lamp

CEL-147

** VR 301 302

Semi-fixed 33k Ω (B)

CCP-381

** VR 451 452

Volume(BASS TREBLE) 50k Ω (B) \times 2

CCS1076

** VR 454/S654

Volume/Switch(VOLUME BALANCE

CCS1074

FADER/TUNER POWER) 20k Ω (B) \times 2

50k Ω (V) \times 1 20k Ω (V) \times 2

** S 451

Switch(LOUDNESS)

CSG-207

** S 951 952 953

Switch(MS DOLBY METAL)

CSG1015

LCD

CWW1117

RESISTORS

Mark ===== Circuit Symbol & No. ===== Part Name Part No.

R 251 252

RS1/8S181J

R 257 258

RD1/4PS133JL

R 259 260

RD1/4PS334JL

R 261 262 467 468

RD1/4PS272JL

R 263 264 453 454 455 456

RS1/8S332J

R 265 775 776

RD1/4PS104JL

R 266 737

RS1/8S104J

R 271

RS1/8S681J

R 272 479 480 481 482 653

RD1/4PS471JL

R 273 274 696 758 777 784 785

RS1/8SOR0J

R 301

RD1/4PS433JL

R 302 303 401 402 403 463 659 660 683 688

RS1/8S103J

R 305 306

RD1/4PS273JL

R 308

RS1/8S471J

R 404 759

RS1/8S224J

R 405

RS1/8S154J

R 406 464 654 855 856

RS1/8S223J

R 407 408 477 478 718 719 724 739

RD1/4PS222JL

R 409

RD1/4PS271JL

R 410 658 664 666 669 673 676 736

RD1/4PS103JL

R 411 663 721 753

RD1/4PS472JL

R 457 458 459 460

RS1/8S153J

R 465 466 471 472 701

RS1/8S102J

R 473

RS1/8S184J

R 474

RD1/4PS184JL

R 475 476 661 674 686 717 773 774

RD1/4PS473JL

R 483 484 702

RS1/8S182J

R 484 485

RS1/10S182J

R 487 488

RD1/4PS220JL

R 655 720 722 726 727

RD1/4PS102JL

R 656

RD1/4PS471JL

R 657

RD1/4PS104JL

R 662

RD1/4PM103J

R 665 675

RS1/8S472J

R 667

RD1/4PS331JL

Mark	====	Circuit Symbol & No.	====	Part Name	Part No.	Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
R	668				RD1/4PS101JL	C	711 716 717 718 719 720 722			CKSYB103K50	
R	697				RD1/4PS472JL	C	714 715			CCSCH090050	
R	698				RD1/4PS102JL	C	721			CCSSL561J50	
R	670				RD1/4PM473J	C	751	8200 μ F/5.5V		CCH1008	
R	671				RD1/4PS561JL	C	771 772			CEALNP4R7M16	
R	672 754				RD1/4PS103JL	<div> Tuner Audio Unit(KEH-5080SDK) </div>					
R	678 679 680				RD1/4PM821J						
R	681 711 725 741 742				RD1/4PM472J						
R	682 684 687 734 735				RD1/4PS223JL						
R	703				RS1/8S821J						
R	704 705 857				RS1/8S101J	<div> Unit Number : Unit Name : Tuner Audio Unit(KEH-5080SDK) </div>					
R	706				RD1/4PM331J						
R	707				RD1/4PM222J						
R	710				RS1/10S473J						
R	714 771 772				RS1/8S473J						
R	716				RD1/4PS393JL	<div> MISCELLANEOUS </div>					
R	723				RS1/8S152J						
R	733				RD1/4PM104J						
R	738				RD1/4PS221JL						
R	740				RS1/8S103J						
R	751 774				RD1/4PS473JL	Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
R	752				RS1/8S392J	##	IC 251			M51522AL	
R	755 756 787 788				RS1/8S682J	##	IC 451 771 821			TA75558S	
R	779				RS1/8S563J	##	IC 651			AN6540	
R	780				RS1/8S222J	##	IC 701			PD4124A	
R	783				RD1/4PS333JL	##	IC 751			PDG011	
CAPACITORS						##	Q 251 252 253 655 656 659 660 661 663 664			2SC2458	
						##	Q 651 652			(2SC1740S)	
						##	Q 653 669 811			DTC314TS	
						##	Q 654 657 658 751			2SD1919	
										2SA1048	
										(2SA933S)	
C	251 252				CCSSL471J50	##	Q 665 666 702 707 713 821 822 823			2SC2458	
C	253 254				CEANL4R7M35LL	##	Q 671 710			(2SC1740S)	
C	255 256 321 409 658 661 853				CEA470M16LS					DTC124XS	
C	257 258 325 401 402 702 705 707 710				CKSYB103K50					(UN4212)	
C	259 260				CKSYB223K50	##	Q 701			2SC2498	
C	261				CEA101M10LL	##	Q 703 705 712			(2SC2026)	
C	262 407 472 475 665				CEA220M16LS	##	Q 706			DTC144ES	
C	301 302 404 405 406 652				CEA010M50LS2	##	Q 708 709			(UN4213)	
C	319				CEA101M10LL	##	Q 711 715			2SK330	
C	322 323				CEAR68M50LS2	* D	251 652 655 666 703 710 711 712 713 771 772			2SA1150	
C	324 408 467 468				CEA4R7M35LS					2SC3113	
C	403				CKSYB392K50					1SS133	
C	453 454				CKSQYB332K50					(1SS176)	
C	457 458				CKSQYB333K50					(US1040M)	
C	459 460				CCSCH330J50	* D	252			HZS8R2EB2	
C	461 462				CEA4R7M25L2	* D	651			(RD8R2ESB2)	
C	463 464				CKSYB272K50					HZS9R1EB2	
C	465 466				CEAR33M50LS2	* D	653 70 707 714 715 716 717 773 774 775 776			(RD9R1ESB2)	
C	469 470 471 659 660 773 774 851 852				CEA100M16LS2					US1040	
C	651 657 713				CKSYF473Z50					(1S1555)	
C	653				CEA221M10L2	* D	656			(OS442)	
C	654				CEA101M10L2	* D	657			RD7R5ESB2	
C	655				CEA101M10L2					(HZS7R5EB2)	
C	656				CEA100M16L2					HZS5R1EB2	
C	663 664				CKSYB472K50	* D	658			(RD5R1ESB2)	
C	666				CEA220M16L2	* D	659			HZS7R5EB2	
C	701				CCSSL561J50					(RD7R5ESB2)	
C	703 704				CCSSL101J50					HZS5R6JB2	
C	708				CCH1005					(RD5R6JSB2)	
C	709				CEAR47M50LS						

20. ELECTRICAL PARTS LIST

NOTE:

- For your parts Stock Control, the fast moving items are indicated with the marks ** and ‡.
- ** : GENERALLY MOVES FASTER THAN ‡.
- This classification shall be adjusted by each distributor because it depends on model number, temperature, humidity, etc.
- Parts whose parts numbers are omitted are subject to being not supplied.
- The part numbers shown below indicate chip components.

Chip Resistor

RS1/8S □□□J, RS1/10S □□□J

Chip Capacitor (except for CQS.....)

CKS....., CCS....., CSZS.....

Tuner Audio Unit(KEH-6080SDK)	
Consists of	
● Mother Unit	
● Pre-NVM Unit	
● Front R Unit	
● MS Dolby Unit	

Unit Number :
Unit Name : Tuner Audio Unit(KEH-6080SDK)

MISCELLANEOUS

Mark	=====	Circuit Symbol & No.	====	Part Name	Part No.
‡	D	401			HZS9R1EB2 (MTZ9R1B)
‡	D	651			HZS9R1EB1
					(RD9R1ESB1)
‡	D	653 701 707 714 715 716 717 773 774 775			1S1555 (US1040) (DS442)
‡	D	656			RD7R5ESB2
					(HZS7R5EB2)
‡	D	657			HZS5R1EB2 (MTZ5R1B)
‡	D	658			HZS7R5EB2 (MTZ7R5B)
**	IC	251		M51522AL	
**	IC	301		CXA1102P	
**	IC	401		PA0011	
**	IC	451 771 821		TA75558S	
**	IC	651		AN6540	
**	IC	701		PD4124A	
**	IC	751		PDG011	
**	IC	851		CW1079	
**	Q	251 252 401 402 451 452 453 454 655 656		2SC2458 (2SC1740S)	
**	Q	253 653 669 811		2SD1919	
**	Q	403 654 657 658 670 751		2SA1048 (2SA933S)	
**	Q	651 652 667 668		DTC314TS	
**	Q	659 660 661 663 664 665 666 702		2SC2458 (2SC1740S)	
**	Q	671 710		DTC124XS	
**	Q	701		UN4212 2SC2498 2SC2026	
**	Q	703 705 712		DTC144ES UN4213	
**	Q	706		2SK330	
**	Q	707 713 821 822 823		2SC2458 (2SC1740S)	
**	Q	708 709		2SA1150	
**	Q	711 715		2SC3113	
‡	D	251 652 655 664 666 703 704 710 711 712 713		1SS133 (1SS176) (US1040M)	
‡	D	252		HZS8R2EB2 (MTZ8R2B)	
‡	D	401			HZS9R1EB2 (MTZ9R1B)
‡	D	651			HZS9R1EB1
					(RD9R1ESB1)
‡	D	653 701 707 714 715 716 717 773 774 775			1S1555 (US1040) (DS442)
‡	D	656			RD7R5ESB2
					(HZS7R5EB2)
‡	D	657			HZS5R1EB2 (MTZ5R1B)
‡	D	658			HZS7R5EB2 (MTZ7R5B)
‡	D	659			HZS5R6JB2 (RD5R6JSB2)
‡	D	665			RD2R7ESB2 (HZS2R7EB2)
‡	D	702			HZS3ROEB2
‡	D	705			(RD3ROESB2)
‡	D	771 772			1SS135 1SS133 (1SS176) (US1040M)
‡	D	776			1S1555 (US1040) (DS442)
‡	D	951 952 953 954	LED		SLR-320PG3KL
‡	D	955	LED		SLR-320VR3FKL
L	701		Ferri-Inductor		LAU470K
L	702		Ferri-Inductor		LAU2R2M
H	101		Capacitor with Discharge Gap		CCX-006
X	701		Xtal		CSS1011
**	IL	771 772	Lamp 14V 40mA		CEL-148
**	IL	951	Lamp 14V 40mA		CEL-147
**	VR	301 302	Semi-fixed 33kΩ(B)		CCP-381
**	VR	451 452	Volume(BASS TREBLE) 50kΩ(B)×2		CCS1076
**	VR	454/S654	Volume/Switch(VOLUME BALANCE FADER/TUNER POWER) 20kΩ(B)×1 50kΩ(W) 20kΩ(W)×2		CCS1074
**	S	451	Switch(LOUDNESS)		CSG-207
**	S	916	Switch(SDK)		CSG-253
**	S	951 952 953	Switch(MS DOLBY METAL)		CSG1015
			LCD		CW1117

RESISTORS

Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
R	251 252			RS1/8S181J	RS1/8S103J
R	257 258			RD1/4PS133JL	RD1/4PS473JL
R	259 260			RD1/4PS334JL	RS1/8S392J
R	261 262 467 468 469 470 477 478			RD1/4PS272JL	RS1/8S682J
R	263 264 453 454 455 456 728			RS1/8S332J	RD1/4PS124JL
R	265			RD1/4PS104JL	RS1/8S563J
R	266 737			RS1/8S104J	RS1/8S222J
R	271			RS1/8S681J	RS1/8S271J
R	272 479 480 481 482 653 811			RD1/4PS471JL	RD1/4PS1R8JL
R	273 274 307 695 696 758 777 784 785			RS1/8SOR0J	RS1/8S333J
R	301			RD1/4PS433JL	RS1/8S122J
R	302 303 401 402 403 463 659 660 683 688			RS1/8S103J	
R	305 306			RD1/4PS273JL	
R	308			RS1/8S471J	
R	404 759			RS1/8S224J	
R	405			RS1/8S154J	
R	406 464 654 729 821 830 855 856			RS1/8S223J	
R	407 408 718 719 724 739			RD1/4PS222JL	
R	409 833			RD1/4PS271JL	
R	410 658 664 666 669 673 676			RD1/4PS103JL	
R	411 663 721 753			RD1/4PS472JL	
R	457 458 459 460			RS1/8S153J	
R	465 466 471 472 701 832			RS1/8S102J	
R	473			RS1/8S184J	
R	474			RD1/4PS184JL	
R	475 476 661 674 686 713 715 717 773 774			RD1/4PS473JL	
R	483 484 702 823			RS1/8S182J	
R	485 486			RS1/10S182J	
R	487 488			RD1/4PS220JL	
R	655 720 722 726 727			RD1/4PS102JL	
R	657			RD1/4PS104JL	
R	662			RD1/4PM103J	
R	665 675 829			RS1/8S472J	
R	667			RD1/4PS331JL	
R	668			RD1/4PS101JL	
R	670			RD1/4PM473J	
R	671			RD1/4PS561JL	
R	672 736 754			RD1/4PS103JL	
R	678 679 680			RD1/4PM821J	
R	681			RD1/4PM472J	
R	682 684 687 734 735			RD1/4PS223JL	
R	697			RD1/4PS472JL	
R	698			RD1/4PS102JL	
R	703			RS1/8S821J	
R	704 705 857			RS1/8S101J	
R	706			RD1/4PM331J	
R	707			RD1/4PM222J	
R	708 710			RS1/10S473J	
R	709 783			RD1/4PS333JL	
R	711 725 741 742 827			RD1/4PM472J	
R	712 714 771 772			RS1/8S473J	
R	716			RD1/4PS393JL	
R	723			RS1/8S152J	
R	733			RD1/4PM104J	
R	738			RD1/4PS221JL	

CAPACITORS

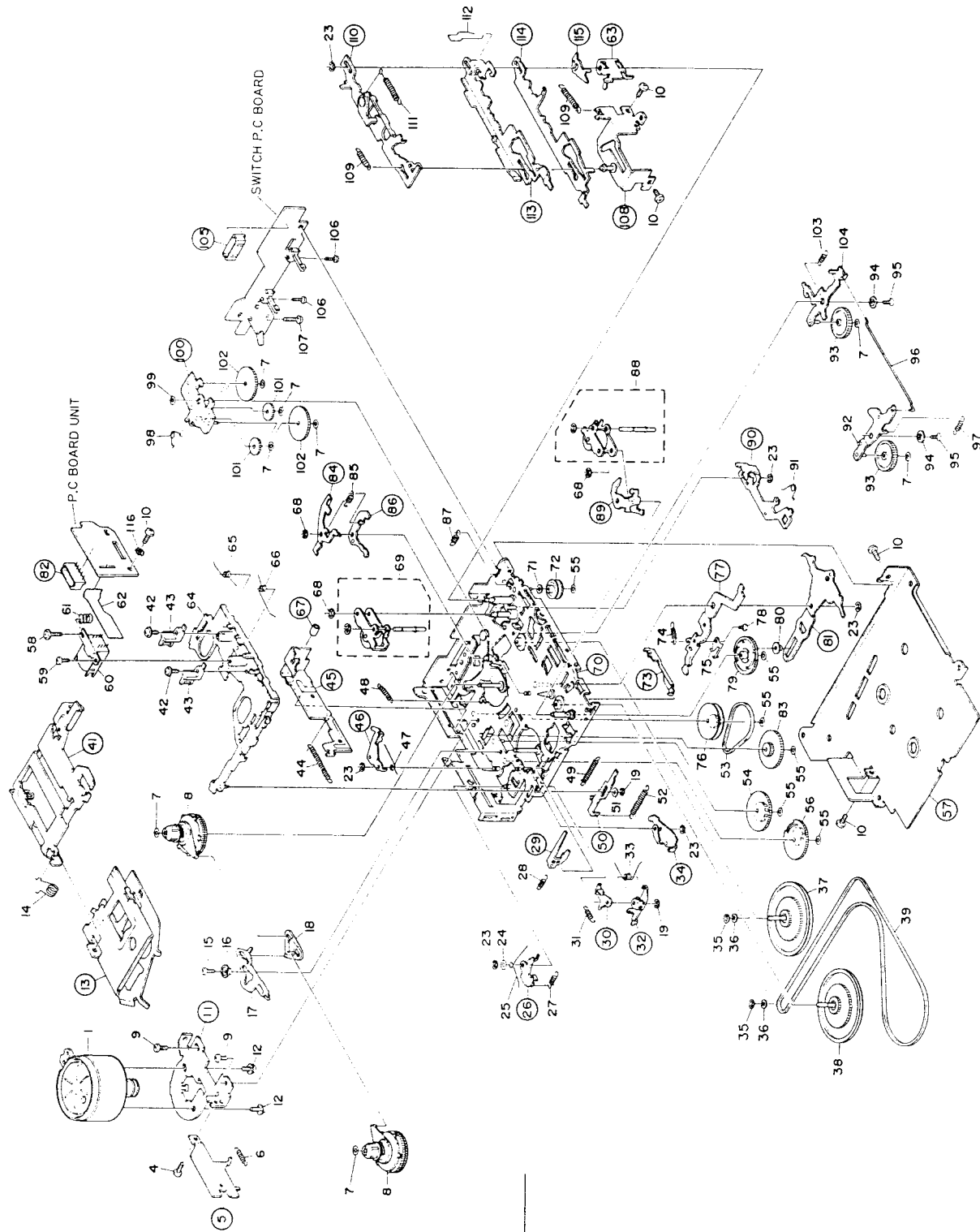
Mark	====	Circuit Symbol & No.	====	Part Name	Part No.
R	740 813 814				
R	751 774				
R	752				
R	755 756 787 788				
R	775 776				
R	779 831				
R	780 826				
R	812				
R	815				
R	822				
R	828				
C	251 252 826			CCSSL471J50	
C	253 254			CEANL4R7M35LL	
C	255 256 321 409 658 661 853			CEA470M16LS	
C	257 258 325 401 402 702 705 707 710			CKSYB103K50	
C	259 260 823 824			CKSYB223K50	
C	261			CEA101M10LL	
C	262 407 472 475 665 811			CEA220M16LS	
C	301 302 404 405 406 652			CEA010M50LS2	
C	319			CEA101M10LL	
C	322 323			CEAR68M50LS2	
C	324 408 467 468 821 830			CEA4R7M35LS	
C	403			CKSYB392K50	
C	453 454			CKSQYB332K50	
C	457 458			CKSQYB333K50	
C	459 460			CCSCH330J50	
C	461 462			CEA4R7M35LS	
C	463 464			CKSYB272K50	
C	465 466			CEAR33M50LS2	
C	469 470 471 659 660 773 774 851 852			CEA100M16LS2	
C	651 657 713			CKSYF473Z50	
C	653			CEA221M10L2	
C	654 655			CEA101M10L2	
C	656			CEA100M16L2	
C	663 664			CKSYB472K50	
C	666			CEA220M16L2	
C	701			CCSSL561J50	
C	703 704			CCSSL101J50	
C	706			CKSYB102K50	
C	708		4.7 μ F/16V	CCH1005	
C	709			CEAR47M50LS	
C	711 716 717 718 719 720 722			CKSYB103K50	
C	714 715			CCSCH090050	
C	721			CCSSL561J50	
C	751		8200 μ F/5.5V	CCH1008	
C	771 772			CEALNP4R7M18	
C	822 825			CEAR47M50LS2	
C	827			CCSSL271J50	
C	829			CEA470M16L2	

• Parts List

Mark	No.	Part No.	Description	Mark	No.	Part No.	Description
	1		Case		39		Holder
◎	2	CWH1041	Main Amp Unit (6080 Series)		40		Cushion
◎		CWH1047	Main Amp Unit (5080 Series)	★	41	CAC1501	Button(MS) (6080 Series)
	3		Heat Sink	★	42	CAC1499	Button(DOLBY) (6080 Series)
	4		Connector(5P)	★	43	CAC1500	Button(MTL) (6080 Series)
	5	CDE1749	Cord Assy (6080 Series)	★		CAC1502	Button(NS) (5080 Series)
		CKM1019	Housing (5080 Series)		44	CSN1260	Escutcheon(L)
	6		Holder		45	CBH-875	Spring
	7		Plate		46	CAT1084	Door(6080 Series)
★★	8	BMZ26P160FMC	Screw			CAT1085	Door(5080 Series)
★★	9	TA8205AH	IC		47	CBH1103	Spring
	10		Connector(3P)	★	48	CAC1503	Button(DIR)
	11		Insulator	★	49	CAA1118	Knob(6080 Series)
	12		Plug(7P)	★	50	CAA1050	Knob(6080 Series)
	13		Connector(5P) (6080 Series)	★		CAA1101	Knob(5080 Series)
	14	BPZ20P060FZK	Screw		51	CXA1938	Grille Unit
★★	15	CEL-147	Lamp(6080 Series)				(6080SDK)
★★		CEL1004	Lamp(5080 Series)			CXA1939	Grille Unit (6080B)
	16		Spacer			CXA1944	Grille Unit (5080SDK)
	17		Plug(10P)			CXA1945	Grille Unit (5080B,5080)
	18		Holder		52	CDE1759	Cord Assy
	19	BMZ26P040FMC	Screw	◎	53	EXK1020	Cassette Mchanism Assy (6080 Series)
	20	CBA-067	Nut				
	21	CBA-066	Nut				
★	22	CAA1043	Knob	◎		EXK1140	Cassette Mchanism Assy (5080 Series)
	23		Cushion		54		Plug(3P) (6080 Series)
	24		Sheet	★	55	CAC1353	Button ◁◁
★	25	CAC1261	Button(1)	★	56	CAC1352	Button ▷▷
★	26	CAC1262	Button(2)		57		Holder(6080 Series)
★	27	CAC1263	Button(3)		58		Connector(12P) (6080 Series)
★	28	CAC1264	Button(4)		59		Connector(6P) (6080 Series)
★	29	CAC1265	Button(5)		60		Connector(5P) (5080 Series)
★	30	CAC1266	Button(6)		61		Plug(10P)
★	31	CAC1267	Button(BAND)		62		Connector(2P)
★	32	CAC1457	Button(LOC)		63		Plug(4P) (Without SDK Model)
★	33	CAC1458	Button(BSM)		64		Plug(10P) (With SDK Model)
★	34	CAC1455	Button(BAND)		65		Connector(7P)
★	35	CAC1456	Button(SEEK-MANU)				
★	36	CXA1814	Button Unit(LOUD)				
★	37	CAC1453	Button(SDK) (SDK Model)				
	38	BPZ20P050FMC	Screw				

Mark	No.	Part No.	Description	Mark	No.	Part No.	Description
	66		Connector(5P)		96		Cushion
	67		Plug(5P)	●	97	CWA1016	AM Unit
	68		Plug(3P)		98		Holder
	69		Plug(5P) (6080 Series)		99		Connector(12P)
	70		Connector(10P)	●	100	CWM1402	Tuner Audio Unit
	71		Plug(4P)				(6080SDK)
★★	72	CCS1074	Volume	●		CWM1403	Tuner Audio Unit
	73	BMZ30P060FMC	Screw				(6080B)
★★	74	AN6540	IC	●		CWM1409	Tuner Audio Unit
★★	75	CCS1076	Volume				(5080SDK)
★★	76	CCS1076	Volume	●		CWM1410	Tuner Audio Unit
	77		Holder				(5080B)
★★	78	CEL-148	Lamp (6080 Series)				
★★		CEL1034	Lamp (5080 Series)		101	BMZ30P080FZK	Screw (6080 Series,
	79	.....					5080B)
	80		Holder		102	CLA1165	Collar(6080 Series,
	81	CNW-855	Bush				5080B)
	82		Insulator	★	103	CDE1542	Cord Assy
	83	CWW1117	LCD (6080 Series)				(6080 Series)
		CWW1078	LCD (5080 Series)	★		CDE1544	Cord Assy
							(5080 Series)
	84	CDE1519	Cord Assy		104	BMZ40P060FMC	Screw (6080 Series,
	85	BMZ26P060FMC	Screw				5080B)
	86		Chassis Unit		105	CNB1152	Box (6080 Series,
	87		Plug(12P)				5080B)
●	88	CWE1087	FM Unit(With SDK Model)		106	CDE1516	Cord Assy
●		CWE1088	FM Unit(Without SDK Model)		107	CLA1125	Collar(6080 Series,
	89		Holder				5080B)
	90	CWB1022	Front End Unit		108	CNC1379	Handle(6080 Series,
	91		Insulator				5080B)
	92		Connector(10P)		109	CSN1261	Escutcheon(R)
	93		Connector(4P)		110	CNP1479	P.C.Board
			(Without SDK Model)		111	CNC1484	Holder (5080SDK)
	94		Connector(10P)				
			(With SDK Model)				
	95		Insulator				

• Cassette Mechanism Assy (KEH-5080SDK, KEH-5080B)



Mark No.	Part No.	Description
94	ELA1032	Collar
95	HBA-212	Screw
96	EBH1007	Spring
97	EBH1006	Spring
98	EBH1014	Spring
99	EBF1005	Washer
100		Arm Unit
101	ENV1018	Gear
102	ENV1017	Gear
103	EBH1022	Spring
104	EXA1005	Arm Unit
105		Plug
106	EBA1006	Screw
107	BHZ20P070FUC	Screw
108		Bracket Unit
109	EBH1016	Spring
110		Lever Unit
111	EBH1048	Spring
112	EBH1005	Spring
113		Lever
114		Lever
115		Arm
116	WH23FMC	Washer

Fig. 25

19. EXPLODED VIEW

1

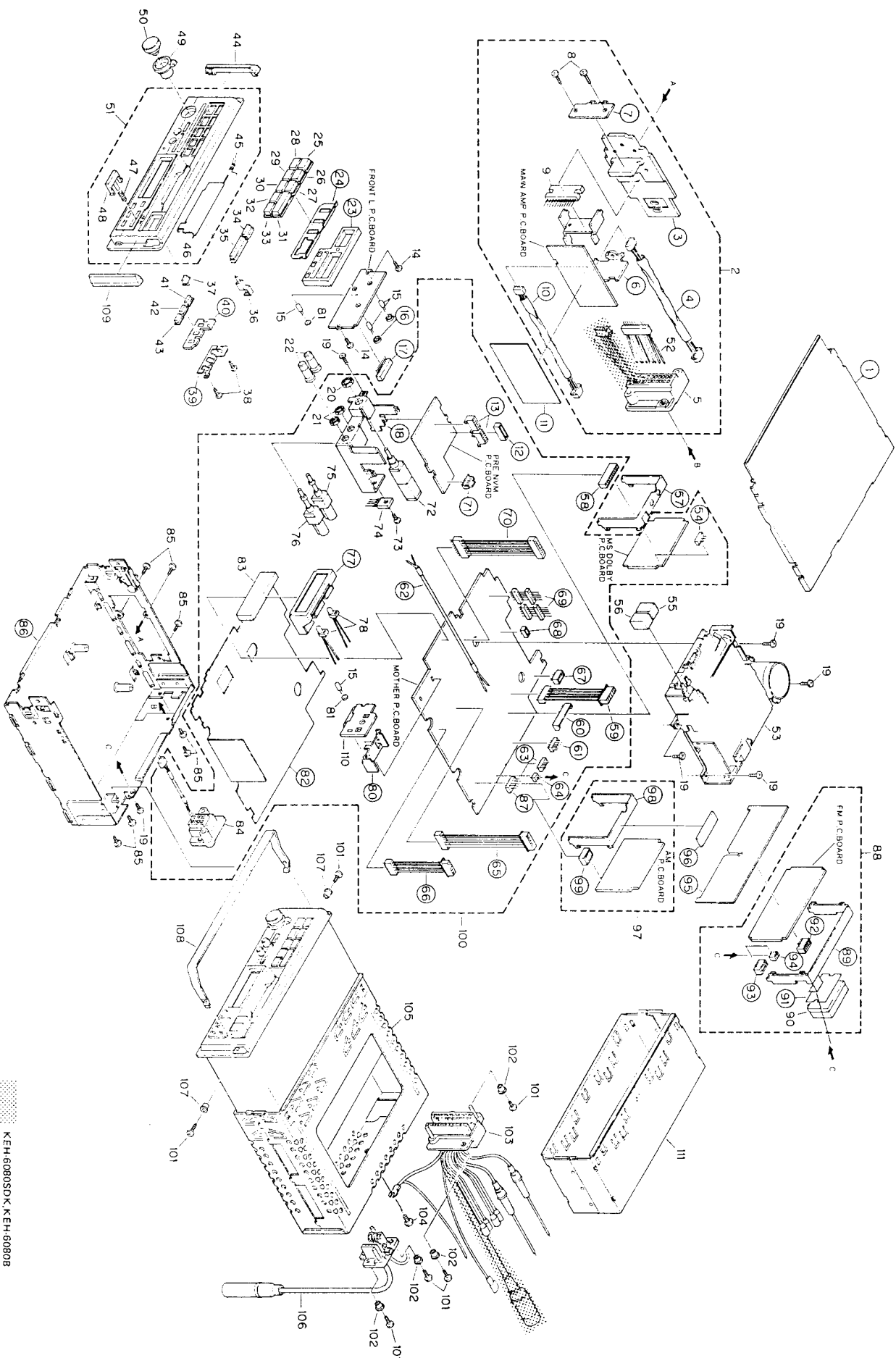
2

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• Parts List

Mark	No.	Part No.	Description
★★	1	EXA1013	Motor Unit
	2	EBA1008	Screw
★	3	EXP1001	Solenoid
	4,5	.....
	6	EBH1011	Spring
	7	CBF-166	Washer
★★	8	EXA1012	Reel Unit
	9	BMZ23P030FMC	Screw
	10	BSZ23P040FMC	Screw
	11		Bracket
	12	PMS26P025FUC	Screw
	13		Cassette Holder
	14	EBH1019	Spring
	15	EBA1009	Screw
	16	ELA1042	Collar
	17	ENV1022	Arm
	18	ENV1021	Arm
	19	YE12FUC	Washer
	20	EBH1038	Spring
	21	EBH1012	Spring
	22		Lever Unit
	23	YE15FUC	Washer
	24	CBF-165	Washer
	25	EBH1035	Spring
	26		Arm
	27	EBH1037	Spring
	28	EBH1039	Spring
	29		Arm
	30		Arm
	31	EBH1010	Spring
	32		Arm
	33	EBH1008	Spring
	34		Arm Unit
	35	CBG1001	Washer
	36	HBF-179	Washer
	37	ENV1029	Flywheel (N)
	38	ENV1030	Flywheel (R)
★★	39	CNT-091	Belt
	40	.....
	41		Cassette Frame Unit
	42	PMS20P040FMC	Screw
	43	ENV1016	Tape Guide
	44	EBH1047	Spring
	45		Lever
	46		Arm

Mark	No.	Part No.	Description
	47	EBH1040	Spring
	48	EBH1041	Spring
	49	EBH1021	Spring
	50		Lever
	51	EBE1001	Washer
	52	EBH1009	Spring
★★	53	ENT1002	Belt
	54	ENV1034	Gear
	55	CBF-135	Washer
	56	ENV1014	Gear
	57		Cover
	58	EBA1011	Screw
	59	BMZ20P050FMC	Screw
★★	60	EPB1001	Head
	61	CBH-198	Spring
	62	ENP1003	P.C.Board
	63		Arm
	64	EXA1004	Head Base Unit
	65	EBH1004	Spring
	66	EBH1003	Spring
	67		Cushion
	68	YE20FUC	Washer
★★	69	EXA1002	Roller Unit
	70		Chassis Unit
	71	EBF1004	Washer
	72	ENV1009	Pulley
	73		Lever
	74	EBH1025	Spring
	75	EBL1001	Spring
	76	ENV1010	Pulley
	77		Arm
	78	HBA-147	Screw
	79	ENV1028	Gear
	80	ELA1018	Collar
	81		Arm
	82		Plug
	83	ENV1011	Gear
	84		Arm
	85	EBH1024	Spring
	86		Ratchet
	87	EBH1018	Spring
★★	88	EXA1003	Roller Unit
	89		Arm
	90		Lever
	91	EBH1013	Spring

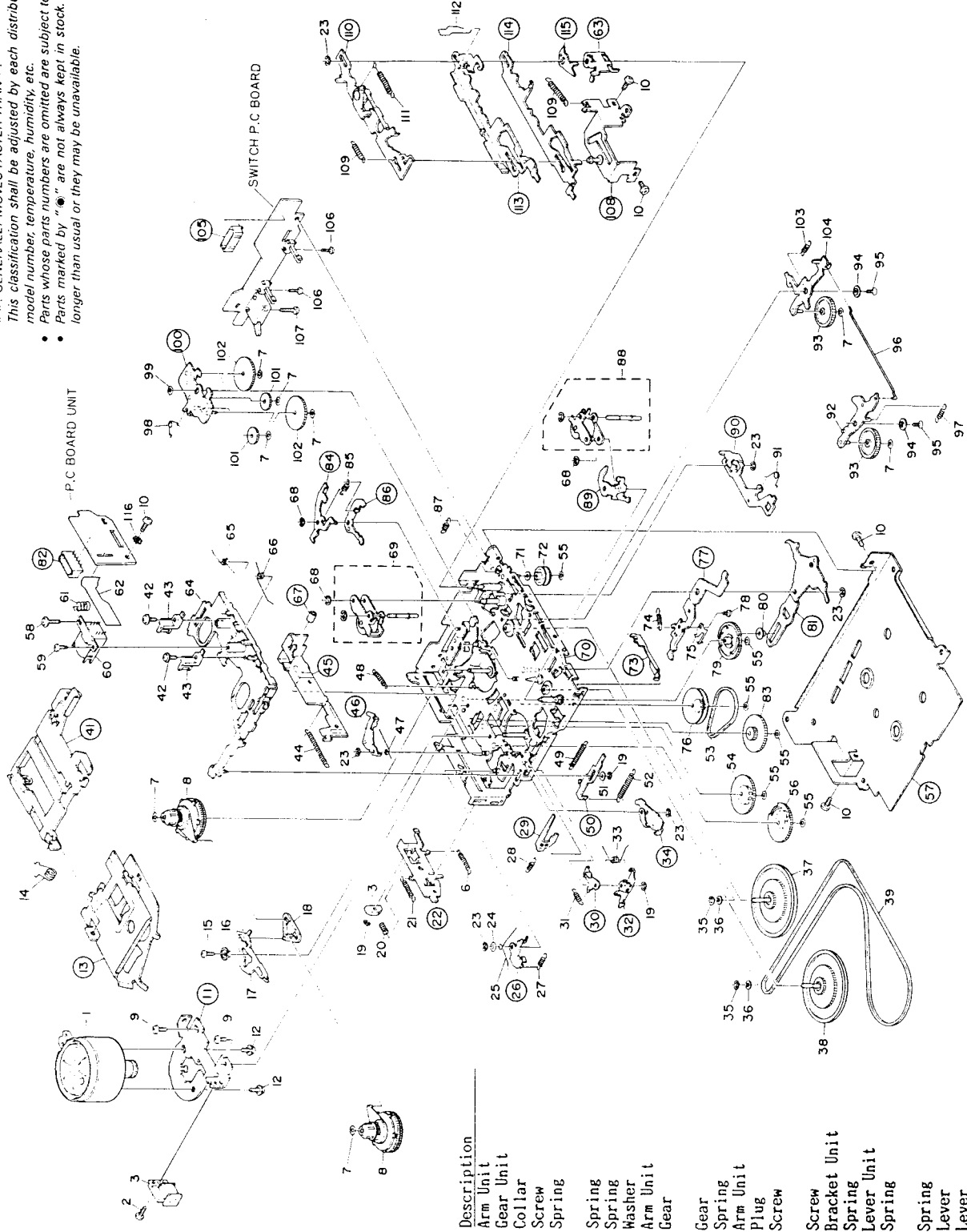
*See page 46 for parts list.

18. CASSETTE MECHANISM ASSY (KEH-5080SDK, KEH-5080B)

• Parts List

Mark	No.	Part No.	Description	Mark	No.	Part No.	Description
★	1	EXA1013	Motor Unit		49	EBH1021	Spring
	2,3	.....			50		Lever
	4	BMZ20P025FMC	Screw		51	EBE1001	Washer
	5		Holder		52	EBH1009	Spring
	6	EBH1011	Spring	★★	53	ENT1002	Belt
	7	CBF-166	Washer		54	ENV1034	Gear
★★	8	EXA1012	Reel Unit		55	CBF-135	Washer
	9	BMZ23P030FMC	Screw		56	ENV1014	Gear
	10	BSZ23P040FMC	Screw		57		Cover
	11		Bracket		58	EBA1011	Screw
	12	PMS26P025FUC	Screw		59	BMZ20P050FMC	Screw
	13		Cassette Holder	★★	60	EPB1001	Head
	14	EBH1019	Spring		61	CBH-198	Spring
	15	EBA1009	Screw		62	ENP1003	P.C.Board
	16	ELA1042	Collar		63		Arm
	17	ENV1022	Arm		64	EXA1004	Head Base Unit
	18	ENV1021	Arm		65	EBH1004	Spring
	19	YE12FUC	Washer		66	EBH1003	Spring
20-22	.....				67		Cushion
	23	YE15FUC	Washer		68	YE20FUC	Washer
	24	CBF-165	Washer	★★	69	EXA1002	Roller Unit
	25	EBH1035	Spring		70		Chassis Unit
	26		Arm		71	EBF1004	Washer
	27	EBH1037	Spring		72	ENV1009	Pulley
	28	EBH1039	Spring		73		Lever
	29		Arm		74	EBH1025	Spring
	30		Arm		75	EBL1001	Spring
	31	EBH1010	Spring		76	ENV1010	Pulley
	32		Arm		77		Arm
	33	EBH1008	Spring		78	HBA-147	Screw
	34		Arm Unit		79	ENV1028	Gear
	35	CBG1001	Washer		80	ELA1018	Collar
	36	HBF-179	Washer		81		Arm
	37	ENV1029	Flywheel(N)		82		Plug
	38	ENV1030	Flywheel(R)		83	ENV1011	Gear
★★	39	CNT-091	Belt		84		Arm
	40	.....			85	EBH1024	Spring
	41		Cassette Frame Unit		86		Ratchet
	42	PMS20P040FMC	Screw		87	EBH1018	Spring
	43	ENV1016	Tape Guide	★★	88	EXA1003	Roller Unit
	44	EBH1047	Spring		89		Arm
	45		Lever		90		Lever
	46		Arm		91	EBH1013	Spring
	47	EBH1040	Spring		92	EXA1006	Arm Unit
	48	EBH1041	Spring		93	EXA1020	Gear Unit

17. CASSETTE MECHANISM ASSY (KEH-6080SDK, KEH-6080B)



*See page 48 for parts list.

Mark No.	Part No.	Description
92	EXA1006	Arm Unit
93	EXA1020	Gear Unit
94	ELA1032	Collar
95	IBA-212	Screw
96	EBH1007	Spring
97	EBH1006	Spring
98	EBH1014	Spring
99	EBF1005	Washer
100		Arm Unit
101	ENV1018	Gear
102	ENV1017	Gear
103	EBH1022	Spring
104	EXA1005	Arm Unit
105		Plug
106	EBA1006	Screw
107	BMZ20P070FUC	Screw
108		Bracket Unit
109	EBH1016	Spring
110		Lever Unit
111	EBH1048	Spring
112	EBH1005	Spring
113		Lever
114		Lever
115		Arm
116	WH23FMC	Washer

NOTE:
• For your parts Stock Control, the fast moving items are indicated with the marks *** and *.
• ** : GENERALLY MOVES FASTER THAN *.
This classification shall be adjusted by each distributor because it depends on model number, temperature, humidity, etc.
• Parts whose parts numbers are omitted are subject to being not supplied.
• Parts marked by "●" are not always kept in stock. Their delivery time may be longer than usual or they may be unavailable.

Fig. 24

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16.2 FM UNIT (KEH-6080B, KEH-5080B)

capacitor fixed values are

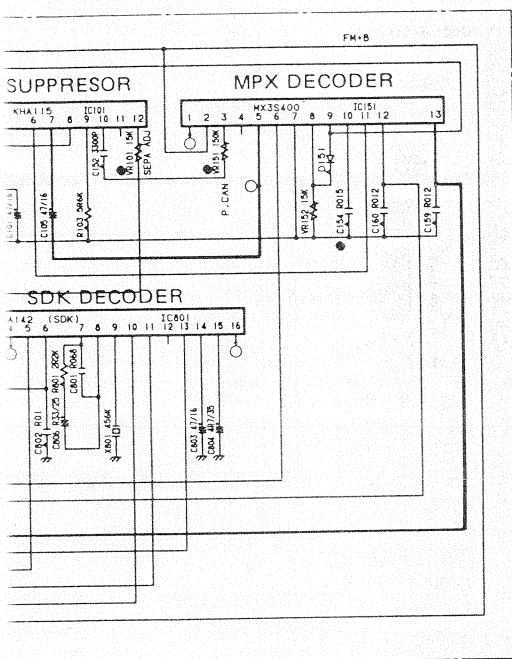


Fig. 16

FM Unit (KEH-6080B, KEH-5080B)

	1	2	3	4	5	6	7	8
IC51	2.7V	2.7V	2.7V	0V	1.9V	0.5V	4.9V	5.0V
9	10	11	12	13	14	15	16	
IC101	8.5V	0V	4.9V	8.5V	4.9V	2.2V	0.4V	4.0V
9	10	11	12	13	14	15	16	
IC151	1.7V	3.1V	3.0V	2.4V	0.6V	0V	4.5V	4.5V
9	10	11	12	13	14	15	16	
IC151	8.5V	6.0V	2.8V	3.9V	3.9V	0V	0V	0V
9	10	11	12	13	14	15	16	
IC151	0V	2.7V	2.7V	0.3V	2.7V	2.7V	3.5V	

D151	MA151MA
D1	2SA1162 (2SA1179)
D2	DT124EK
D51	2SC2712 (2SD601)
D71	2SJ105

FM UNIT

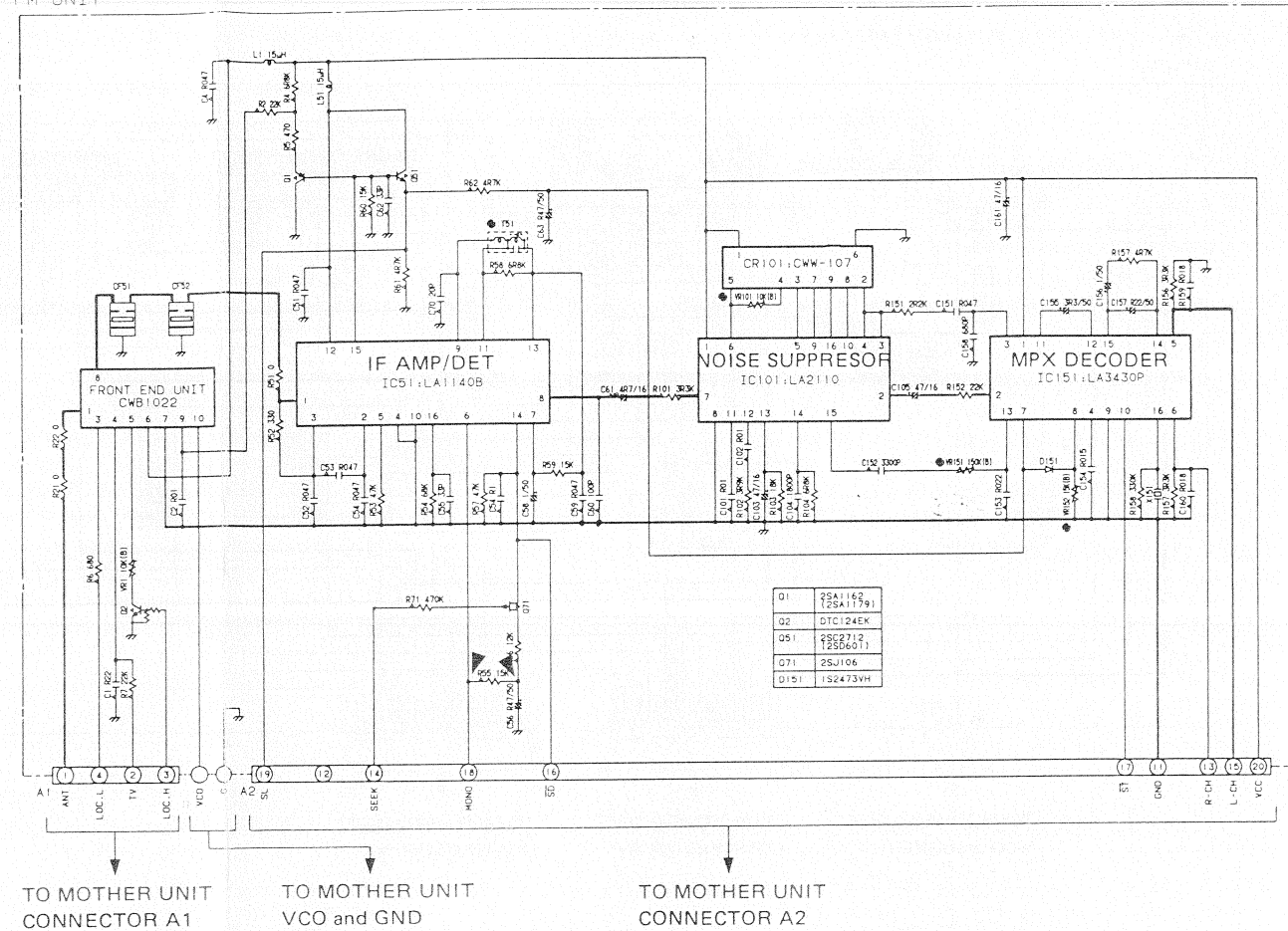


Fig. 18

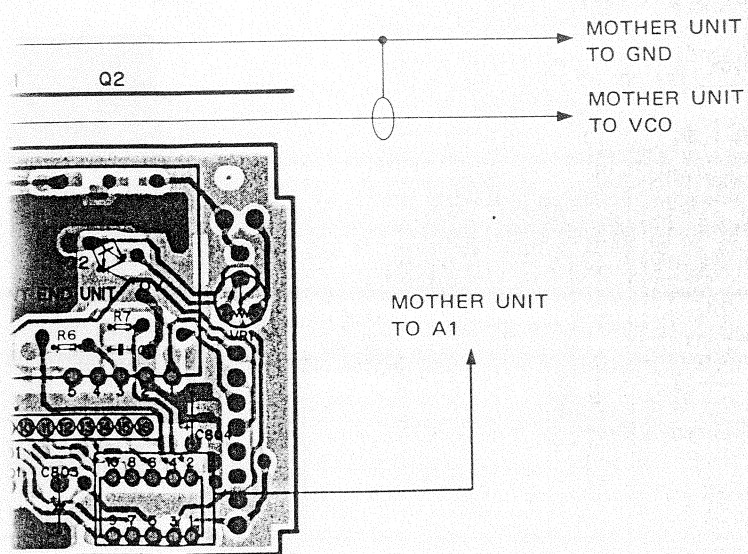


Fig. 17

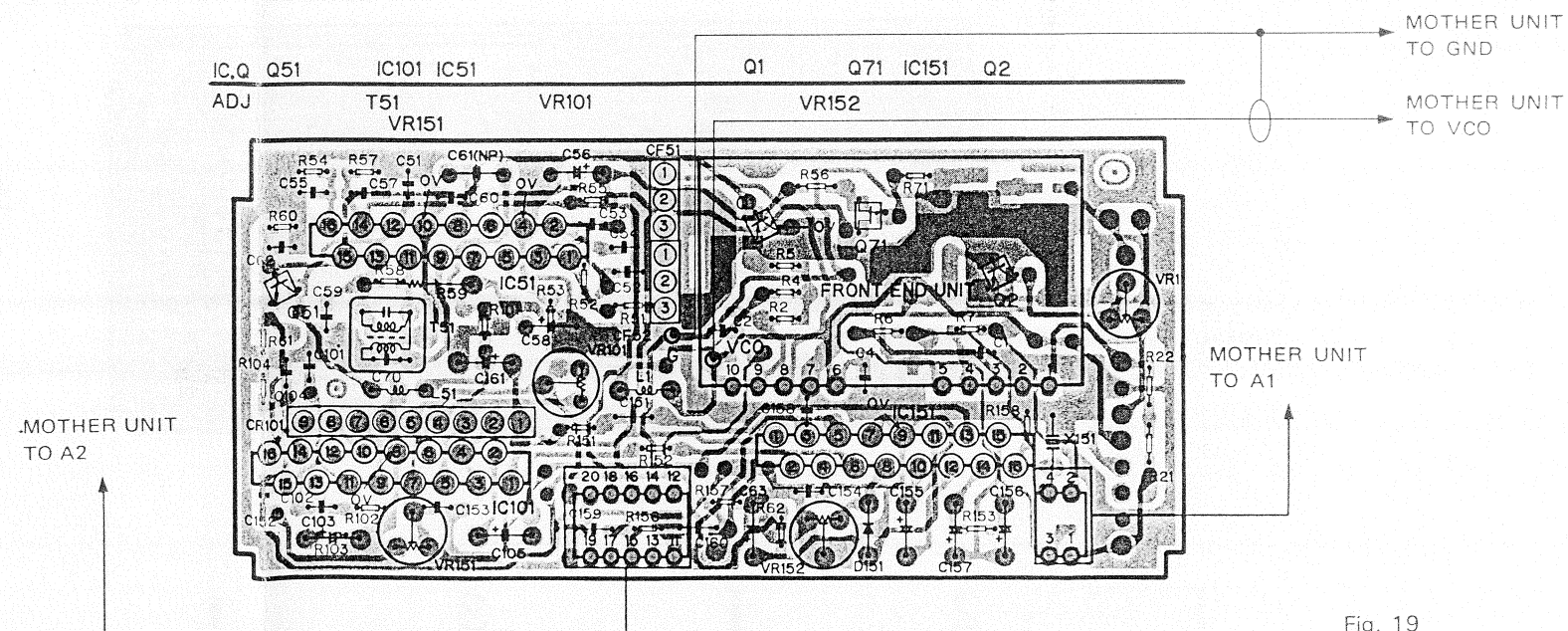


Fig. 19

capacitor fixed values are

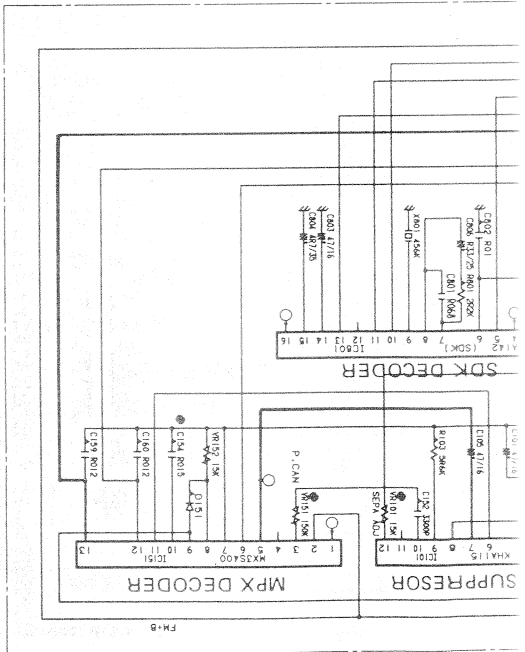


Fig. 16

D151	HA151A
Q1	15A11761
Q2	DT124EK
Q51	25C2713
Q71	1524739H
D71	25J105

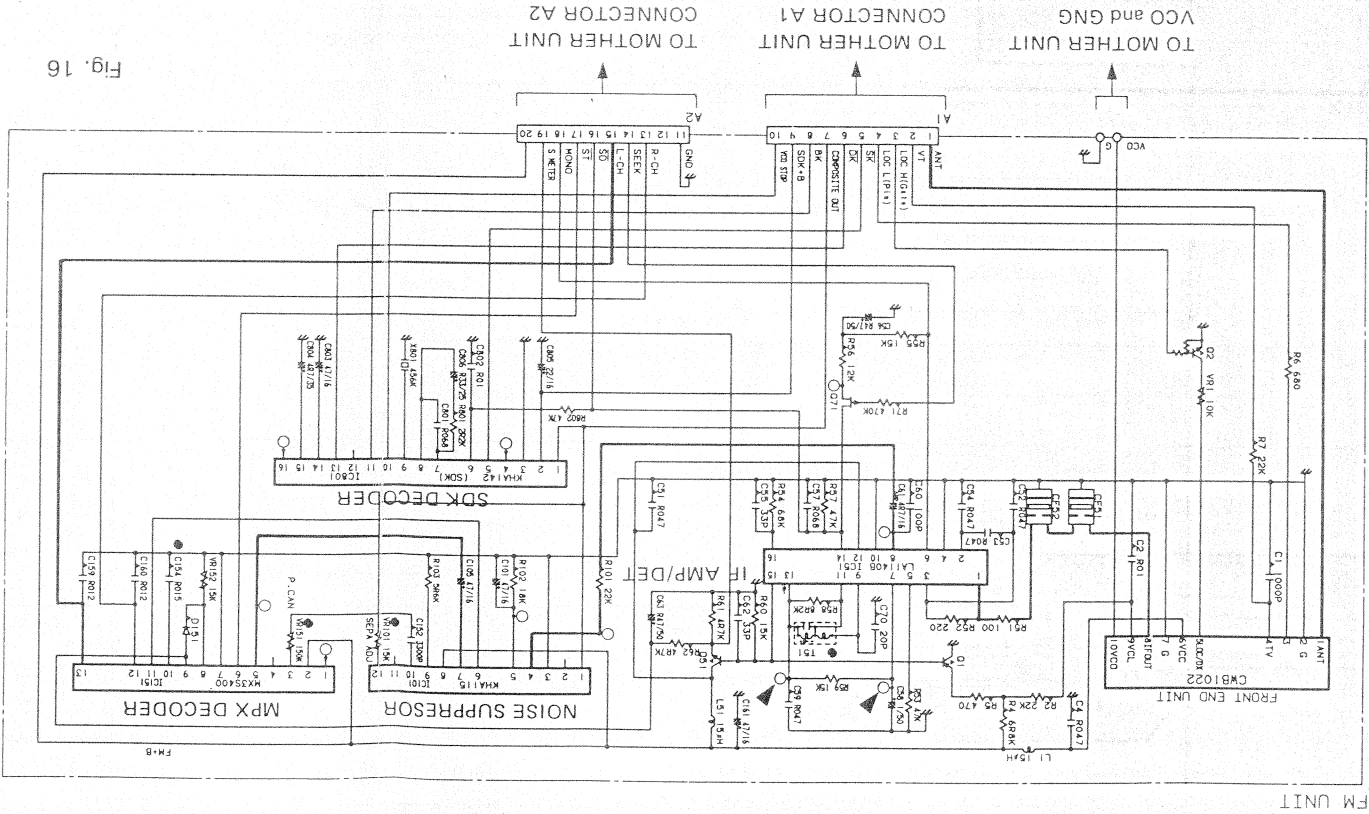
		IC151				IC101				IC51			
		1	2	3	4	1	2	3	4	1	2	3	4
0V	9	10	11	12	13	14	15	16	17	18	19	20	21
8.5V	1	2	3	4	5	6	7	8	9	10	11	12	13
0V	14	15	16	17	18	19	20	21	22	23	24	25	26
0V	27	28	29	30	31	32	33	34	35	36	37	38	39
0V	40	41	42	43	44	45	46	47	48	49	50	51	52
0V	53	54	55	56	57	58	59	60	61	62	63	64	65
0V	66	67	68	69	70	71	72	73	74	75	76	77	78
0V	79	80	81	82	83	84	85	86	87	88	89	90	91
0V	92	93	94	95	96	97	98	99	100	101	102	103	104
0V	105	106	107	108	109	110	111	112	113	114	115	116	117
0V	118	119	120	121	122	123	124	125	126	127	128	129	130
0V	131	132	133	134	135	136	137	138	139	140	141	142	143
0V	144	145	146	147	148	149	150	151	152	153	154	155	156
0V	157	158	159	160	161	162	163	164	165	166	167	168	169
0V	170	171	172	173	174	175	176	177	178	179	180	181	182
0V	183	184	185	186	187	188	189	190	191	192	193	194	195
0V	196	197	198	199	200	201	202	203	204	205	206	207	208
0V	209	210	211	212	213	214	215	216	217	218	219	220	221
0V	222	223	224	225	226	227	228	229	230	231	232	233	234
0V	235	236	237	238	239	240	241	242	243	244	245	246	247
0V	248	249	250	251	252	253	254	255	256	257	258	259	260
0V	261	262	263	264	265	266	267	268	269	270	271	272	273
0V	274	275	276	277	278	279	280	281	282	283	284	285	286
0V	287	288	289	290	291	292	293	294	295	296	297	298	299
0V	300	301	302	303	304	305	306	307	308	309	310	311	312
0V	313	314	315	316	317	318	319	320	321	322	323	324	325
0V	326	327	328	329	330	331	332	333	334	335	336	337	338
0V	339	340	341	342	343	344	345	346	347	348	349	350	351
0V	352	353	354	355	356	357	358	359	360	361	362	363	364
0V	365	366	367	368	369	370	371	372	373	374	375	376	377
0V	378	379	380	381	382	383	384	385	386	387	388	389	390
0V	391	392	393	394	395	396	397	398	399	400	401	402	403
0V	404	405	406	407	408	409	410	411	412	413	414	415	416
0V	417	418	419	420	421	422	423	424	425	426	427	428	429
0V	430	431	432	433	434	435	436	437	438	439	440	441	442
0V	443	444	445	446	447	448	449	450	451	452	453	454	455
0V	456	457	458	459	460	461	462	463	464	465	466	467	468
0V	469	470	471	472	473	474	475	476	477	478	479	480	481
0V	482	483	484	485	486	487	488	489	490	491	492	493	494
0V	495	496	497	498	499	500	501	502	503	504	505	506	507
0V	508	509	510	511	512	513	514	515	516	517	518	519	520
0V	521	522	523	524	525	526	527	528	529	530	531	532	533
0V	534	535	536	537	538	539	540	541	542	543	544	545	546
0V	547	548	549	550	551	552	553	554	555	556	557	558	559
0V	560	561	562	563	564	565	566	567	568	569	570	571	572
0V	573	574	575	576	577	578	579	580	581	582	583	584	585
0V	586	587	588	589	590	591	592	593	594	595	596	597	598
0V	599	600	601	602	603	604	605	606	607	608	609	610	611
0V	612	613	614	615	616	617	618	619	620	621	622	623	624
0V	625	626	627	628	629	630	631	632	633	634	635	636	637
0V	638	639	640	641	642	643	644	645	646	647	648	649	650
0V	651	652	653	654	655	656	657	658	659	660	661	662	663
0V	664	665	666	667	668	669	670	671	672	673	674	675	676
0V	677	678	679	680	681	682	683	684	685	686	687	688	689
0V	690	691	692	693	694	695	696	697	698	699	700	701	702
0V	703	704	705	706	707	708	709	710	711	712	713	714	715
0V	716	717	718	719	720	721	722	723	724	725	726	727	728
0V	729	730	731	732	733	734	735	736	737	738	739	740	741
0V	742	743	744	745	746	747	748	749	750	751	752	753	754
0V	755	756	757	758	759	760	761	762	763	764	765	766	767
0V	768	769	770	771	772	773	774	775	776	777	778	779	780
0V	781	782	783	784	785	786	787	788	789	790	791	792	793
0V	794	795	796	797	798	799	800	801	802	803	804	805	806
0V	807	808	809	810	811	812	813	814	815	816	817	818	819
0V	820	821	822	823	824	825	826	827	828	829	830	831	832
0V	833	834	835	836	837	838	839	840	841	842	843	844	845
0V	846	847	848	849	850	851	852	853	854	855	856	857	858
0V	859	860	861	862	863	864	865	866	867	868	869	870	871
0V	872	873	874	875	876	877	878	879	880	881	882	883	884
0V	885	886	887	888	889	890	891	892	893	894	895	896	897
0V	898	899	900	901	902	903	904	905	906	907	908	909	910
0V	911	912	913	914	915	916	917	918	919	920	921	922	923
0V	924	925	926	927	928	929	930	931	932	933	934	935	936
0V	937	938	939	940	941	942	943	944	945	946	947	948	949
0V	950	951	952	953	954	955	956	957	958	959	960	961	962
0V	963	964	965	966	967	968	969	970	971	972	973	974	975
0V	976	977	978	979	980	981	982	983	984	985	986	987	988
0V	989	990	991	992	993	994	995	996	997	998	999	1000	1001
0V	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014
0V	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027
0V	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040
0V	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053
0V	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066
0V	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079
0V	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092
0V	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105
0V	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118
0V	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131
0V	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144
0V	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157
0V	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170
0V	1171	1172	1173	1174	1175	1176	1177	1178	1179				

16. CIRCUIT DIAGRAM AND P.C. BOARDS PATTERN

16.1 FM UNIT (KEH-6080SDK, KEH-5080SDK)

16.2 FM UNIT (KEH-6080

NOTE:
Indicates a chip capacitor.
Indicates a chip resistor.
Indicates a chip diode.
Indicates a chip transistor.
Decimal points for resistor and capacitor fixed values are expressed as:
2.2-2R2
0.022-R022



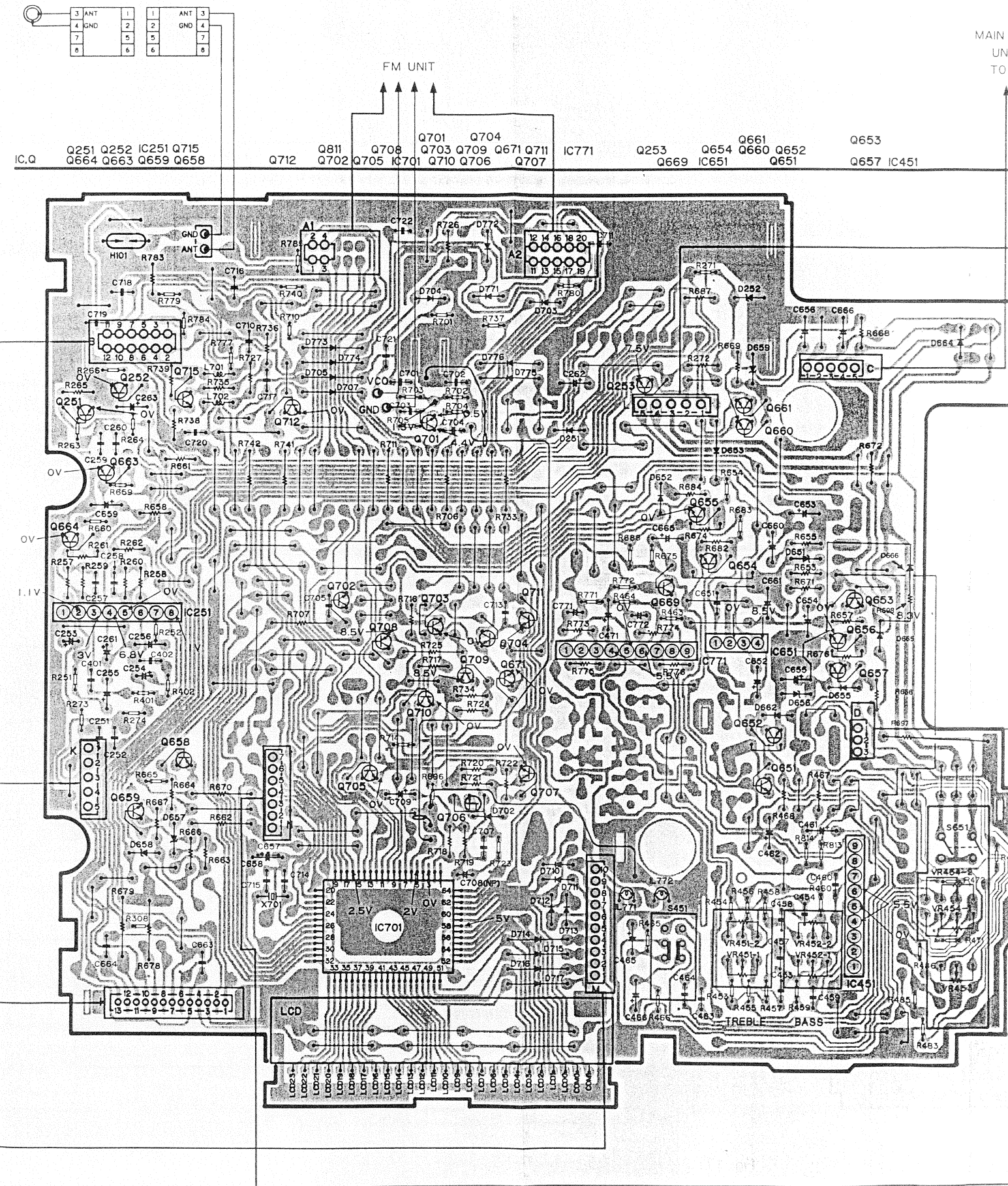
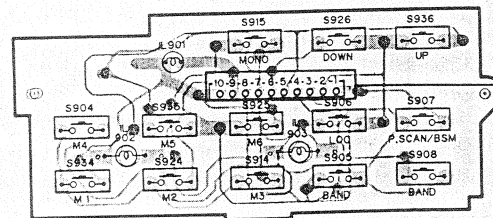
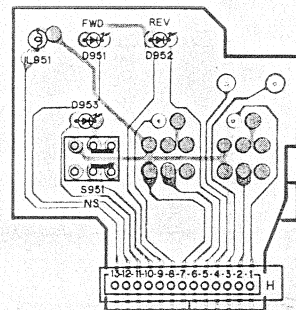
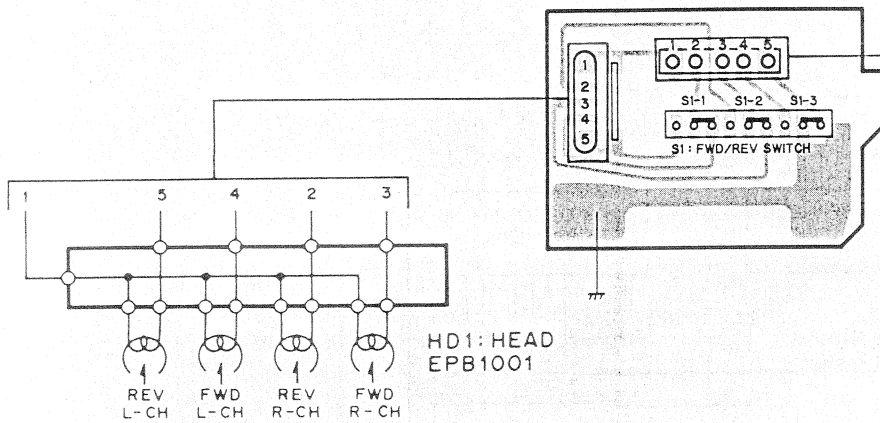
15. CONNECTION DIAGRAM (KEH-5080B)

A

B

C

D



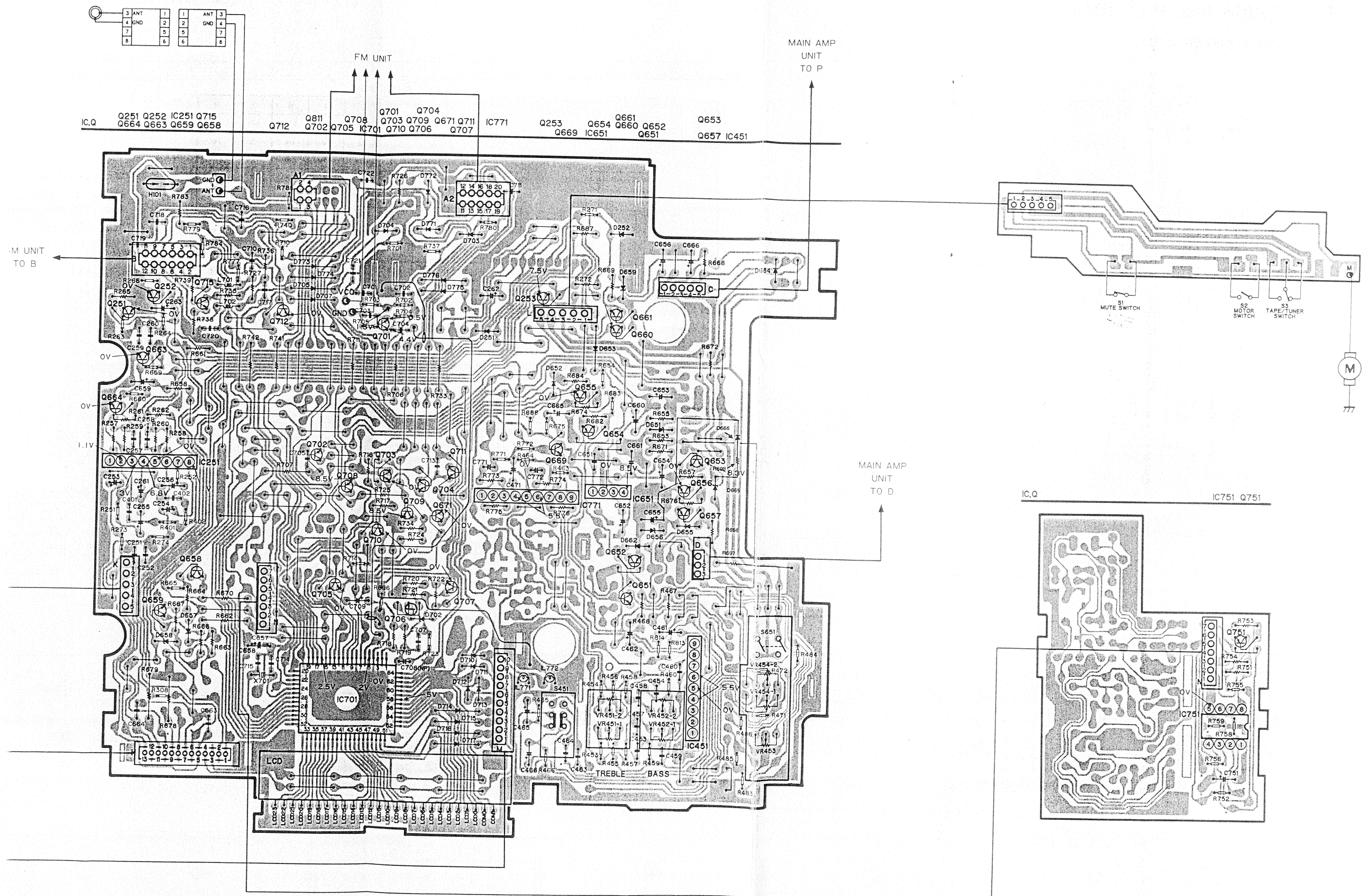
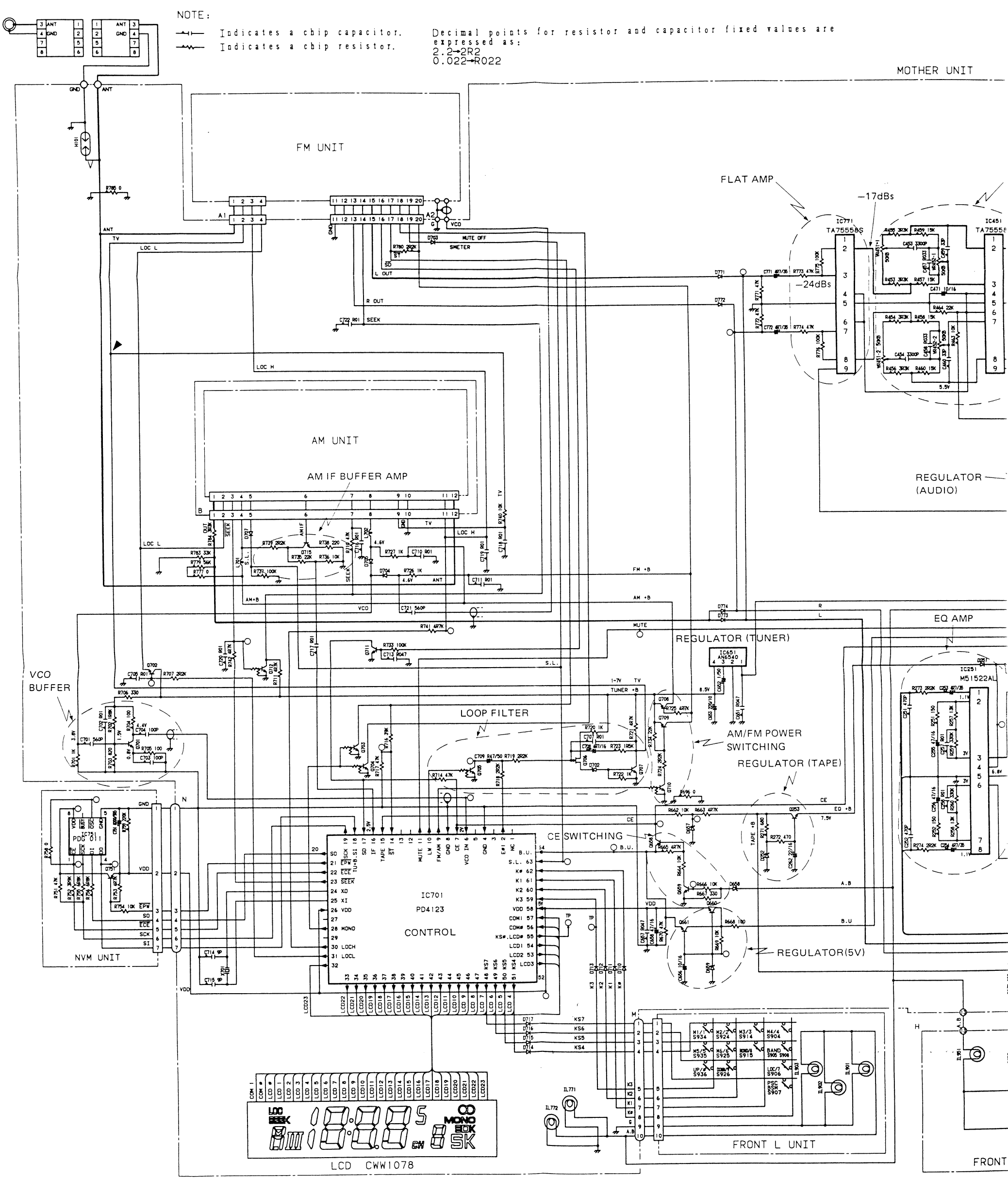


Fig. 15

SCHEMATIC CIRCUIT DIAGRAM (KEH-5080B)

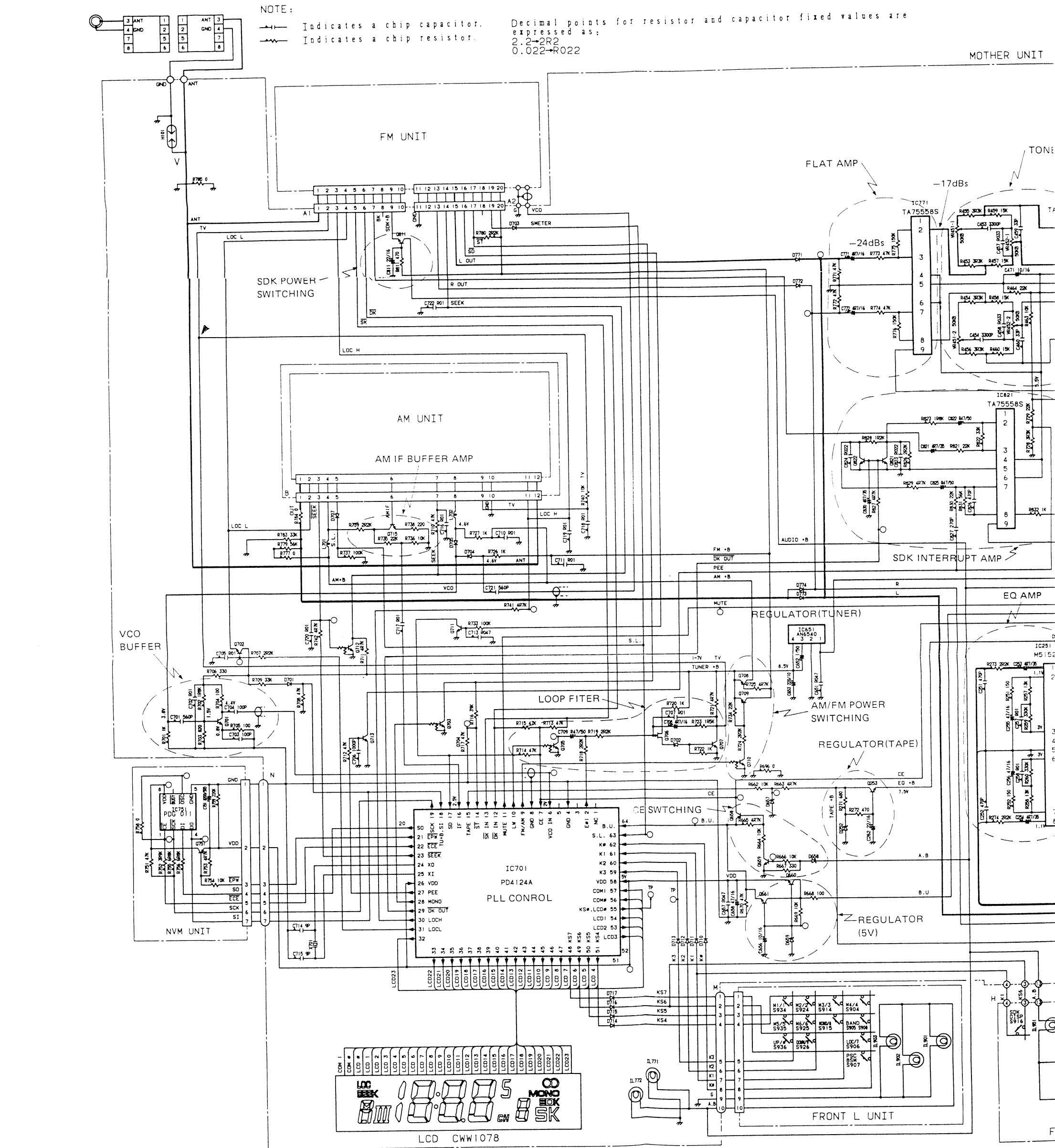


NOTE:
— Indicates a chip capacitor.
— Indicates a chip resistor.
Decimal points for resistor and capacitor fixed values are expressed as:
2.2→2R2
0.022→R022

0702, 707, 655, 656, 659 660, 661, 663, 664, 251 252, 253	25C2456	0708, 709	25A1150	D251, 652, 675, 666, 703 710, 711, 712, 713, 771 772, 662, 664, 704	ISS133	D657	HZ55R1E82	L701	LAU470K	S904, 905, 906, 907, 908 914, 915, 924, 925, 926 934, 935, 936	CSG-253	D951, 95
0654, 657, 658, 751, 661	25A1048	0710, 671	DTC124XS	0651, 652	25C3113	D658	HZ57R5E82	L702	LAU2R2M	S951	CSG1015	VR453, 4
0701	25C2498 (25C2026)	0711, 715	25C3113	0714, 662	VACANT	D252	HZ58R2E82	IL951, 901, 902, 903	CEL1004			
0703, 704, 705, 712	DTC144ES	0653, 669	25D1919	0706, 654, 661, 663	VACANT	D656	RD7R5E82	IL771, 772	CEL1034			
0706	25K330			D651	HZ59R1E82	D655	RD2R7E82	H101	CCX-006--			
								X701	CS51011A			



3. SCHEMATIC CIRCUIT DIAGRAM (KEH-5080SDK)



Q251, 252, 253, 655, 656 659, 660, 661, 663, 664 665, 666, 709, 709, 713 821, 822, 823	25C2458	Q708, 709 Q710, 671 Q711, 715 Q651, 652 Q653, 669, 811 Q714, 662	25A1150 DTC124XS 25C3113 DTC314TS 25D1919 VACANT	D251, 652, 655, 654, 666 709, 710, 711, 712 713, 717, 772 D653, 701, 707, 714, 715 716, 717, 773, 774, 775 D702 D705 D651	IS5133 IS1555 HZS3ROEB2 IS5135 HZS91EB2	D657 D659 D658 D252 D706, 654, 661, 663 D656 D665	HZS5R1EB2 HZS5R6JB2 HZS7R5EB2 HZS8R2EB2 VACANT RD7R5EB2 RD2R7EB2	L701 L702 IL951, 901, 902, 903 IL771, 772 H101 X701	LAU470K LAU2R2M CEL1004 CEL1034 CCX-006-- CSS1011A	S904, 905, 906, 907, 908 914, 915, 924, 925, 926 934, 935, 936, 916 S951	CSG-253 CSG1015
---	---------	---	---	--	---	---	--	--	---	---	--------------------

TUNER AUDIO UNIT
Consists of
○ MOTHER UNIT
○ NVM UNIT
○ FRONT R UNIT

MOTHER UNIT

TONE CONTROL AMP

-17dBs

-17dBs

-19dBs

MUTE

OFF MUTE

-20dBs

MAIN AMP UNIT

+20dBs

TDR INTERRUPT AMP

REGULATOR (AUDIO)

EQ AMP

MUTE(TAPE)

APE)

CE

EQ +B

7.5V

A.B

B.U

ATOR

FRONT R UNIT

P.C. BOARD UNIT

SWITCH P.C. BOARD

SWITCHES:

SWITCH P.C. BOARD

S1: MUTE SWITCH ON-OFF
S2: MOTOR SWITCH ON-OFF
S3: TAPE TUNER SWITCH TAPE-TUNER

P.C. BOARD UNIT

S1: FWD/REV SWITCH FWD-REV

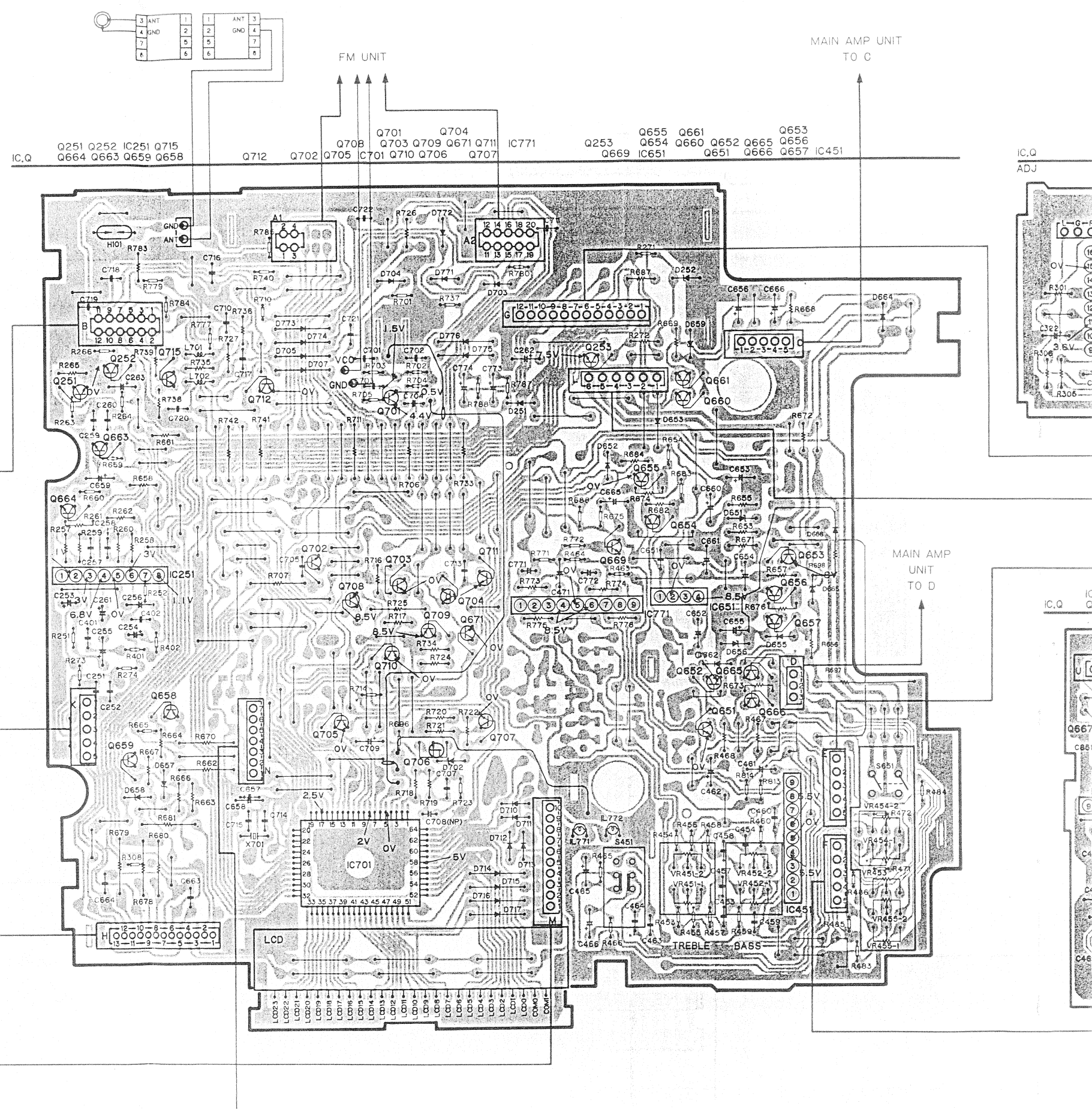
FRONT R UNIT

S951: NS SWITCH ON-OFF

The underlined indicates the switch position.

LAU470K	S904, 905, 906, 907, 908	CSG-253	D951, 952	SLR-320DUJ	S451	CSG-207
LAU2R2M	914, 915, 922, 925, 926		D953	SLR-320PGJ	VR451, 452	CCS1076
CEL1004	934, 935, 936, 916					
CEL1034		S951	CSG1015	VR453, 454, 5651	CCS1075	
CCX-006--						
CCS1011A						

A



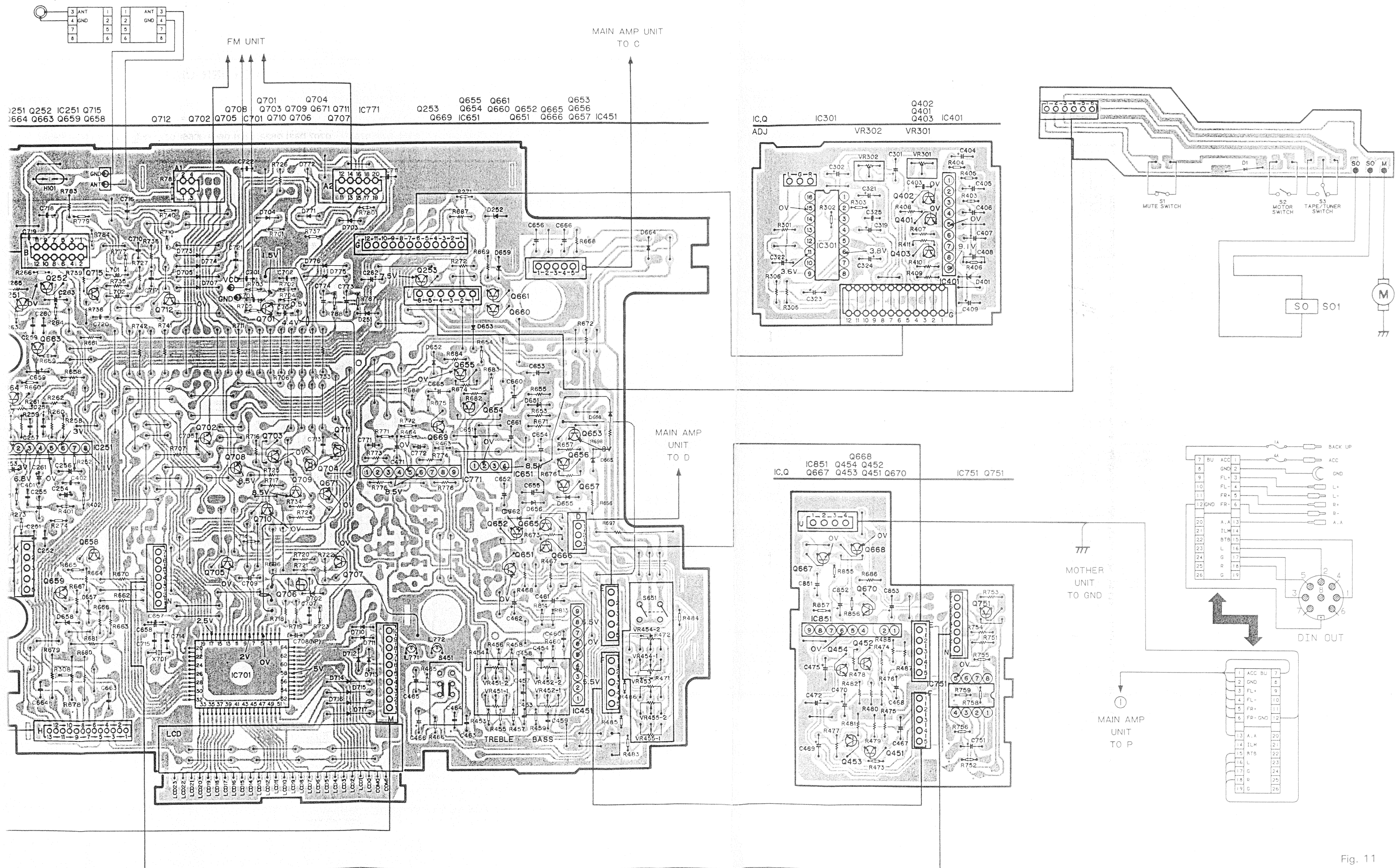
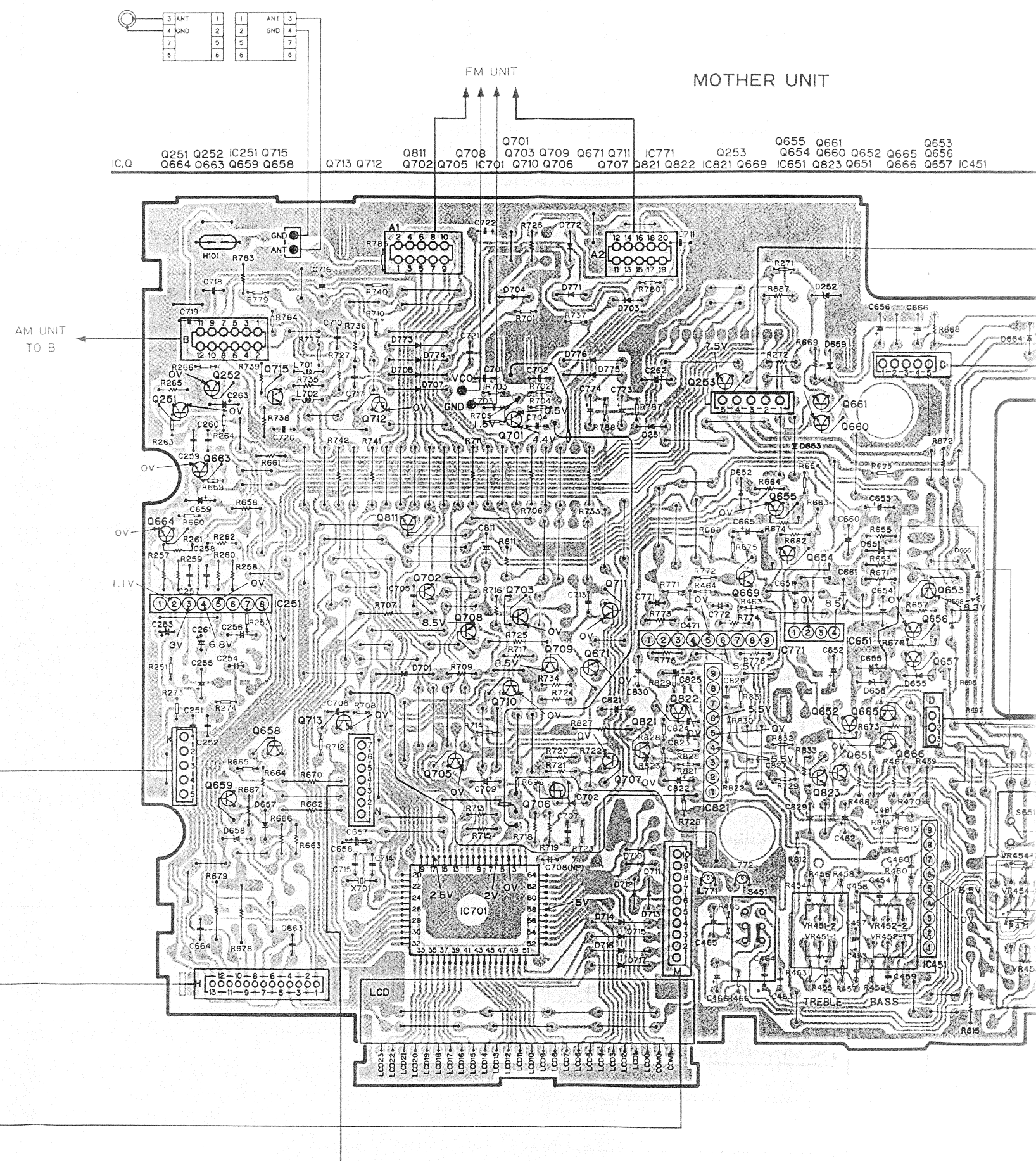
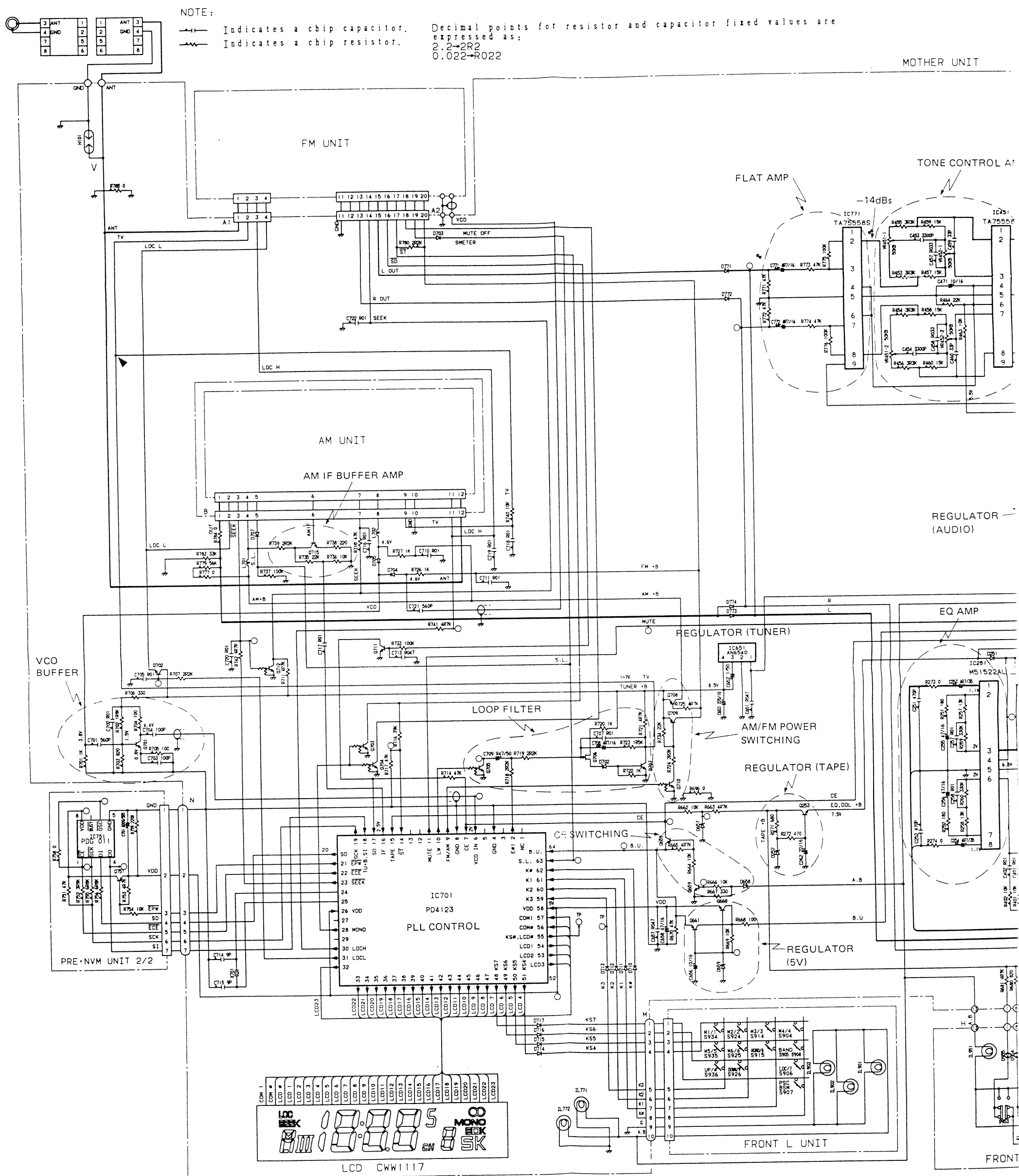


Fig. 11

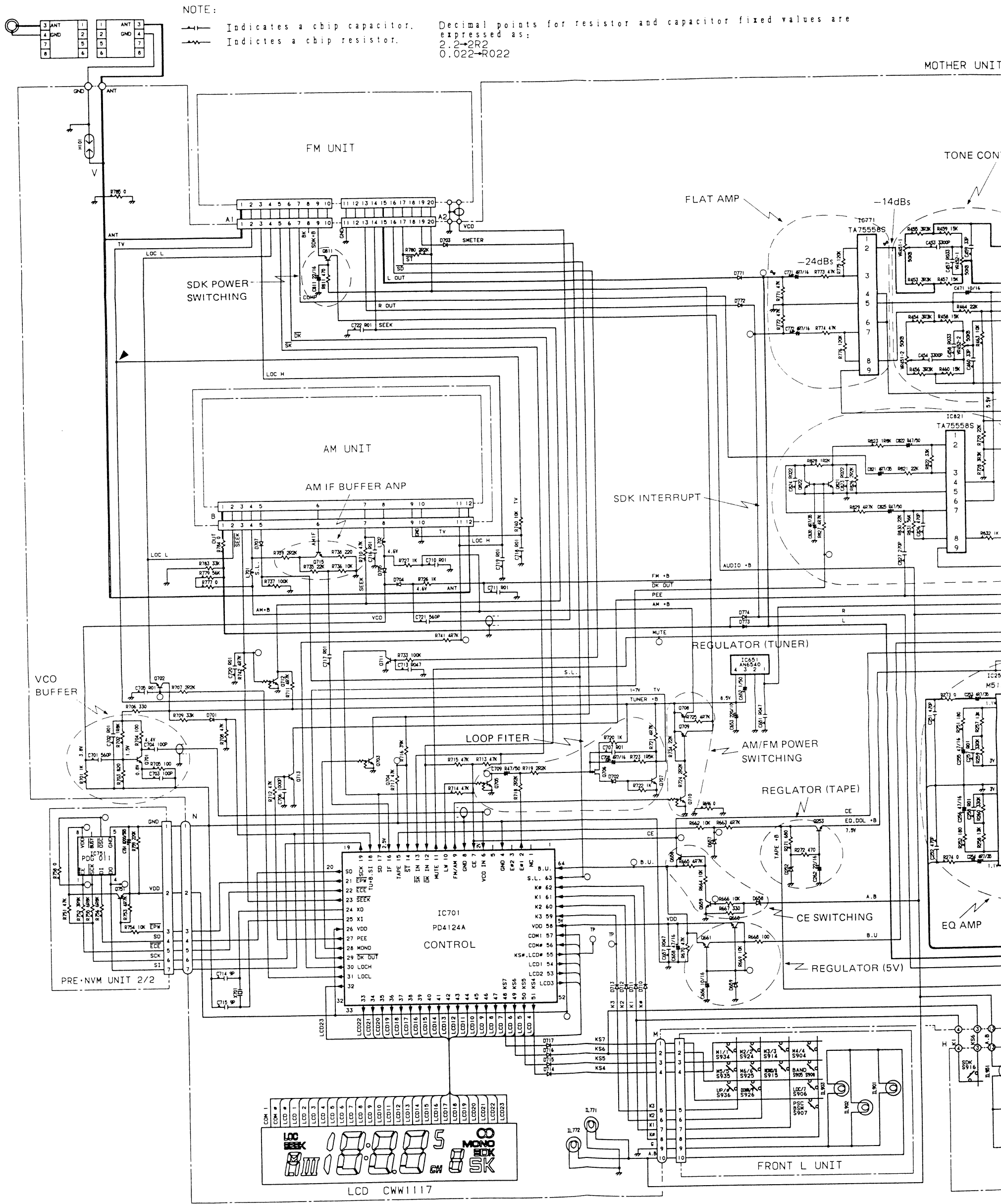
A



SCHEMATIC CIRCUIT DIAGRAM (KEH-6080B)



Q251, 252, 401, 402, 451 452, 453, 454, 652, 653 654, 655, 661, 663, 664 702, 707	25C2458	Q708, 709	25A1150	D251, 652, 655, 662, 666 703, 704, 710, 711, 712 713, 771, 776, 664	ISS133	D657	HZ5SR1EB2	L701	LAU470K	S904, 905, 906, 907, 908 914, 915, 924, 925, 926 934, 935, 936	CSG-253	D955
Q693, 654, 657, 658, 661 671, 715	25A1048	Q710, 671	DTC124X5	D653, 797, 714, 715, 716 717, 719, 774, 775, 776	IS1555	D659	HZ5SR6JB2	L702	LAU2R2M			
Q701	25C2498 (25C2026)	Q651, 652, 667, 668	25C3113	D702	HZ5SR3QB2	D658	HZ5R75EB2	IL951, 901, 902, 903	CEL-147			
Q703, 704, 705, 712	DTC144ES	Q253, 653, 669, 811	DTC314TS	D705	ISS135	D252	HZ5SR2EB2	IL771, 772	CEL-148	S901, 952, 953	CSG1015	VR453
Q706	25K330	D714, 662	VACANT	D401	HZ5SR1EB2	D654, 661, 663, 706	VACANT	HI01	CCX-006--			
				D651	HZ5SR1EB1	D665	RD2R7ESB2	X701	CS51011A			
				D656	RD7R5ESB2							



D702, 707, 713, 655, 656, 659, 660, 661, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000	25C2458
0654, 657, 658, 670, 403, 751, 661	25A1048
0701	25C2498 (25C2026)
0703, 705, 712	DTIC144ES
0706	25K330
0708, 709	25A1150
0710, 671	DTIC124XS
0711, 715	25C3113
0651, 652, 667, 668	DTIC314TS
0253, 653, 669, 811	25D1919
0714, 662	VACANT
D251, 652, 655, 656, 703, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000	1SS133 1S1555 HZS3R0EB2 1SS135 HZS9R1EB2 HZS9R1EB1 RD7R5EB2
D657	HZS5R1EB2
D659	HZS5R6JB2
D658	HZS7R5EB2
D252	HZS8R2EB2
D706, 654, 661, 663	VACANT
D665	RD2R7EB2
L701	LAU470K
L702	LAU2R2M
IL951, 901, 902, 903	CEL-147
IL771, 772	CEL-148
H101	CCX-006--
X701	CSS1011A
S904, 905, 906, 907, 908, 914, 915, 924, 925, 926, 934, 935, 936, 916	CSG-253
S951, 952, 953	CSG1015

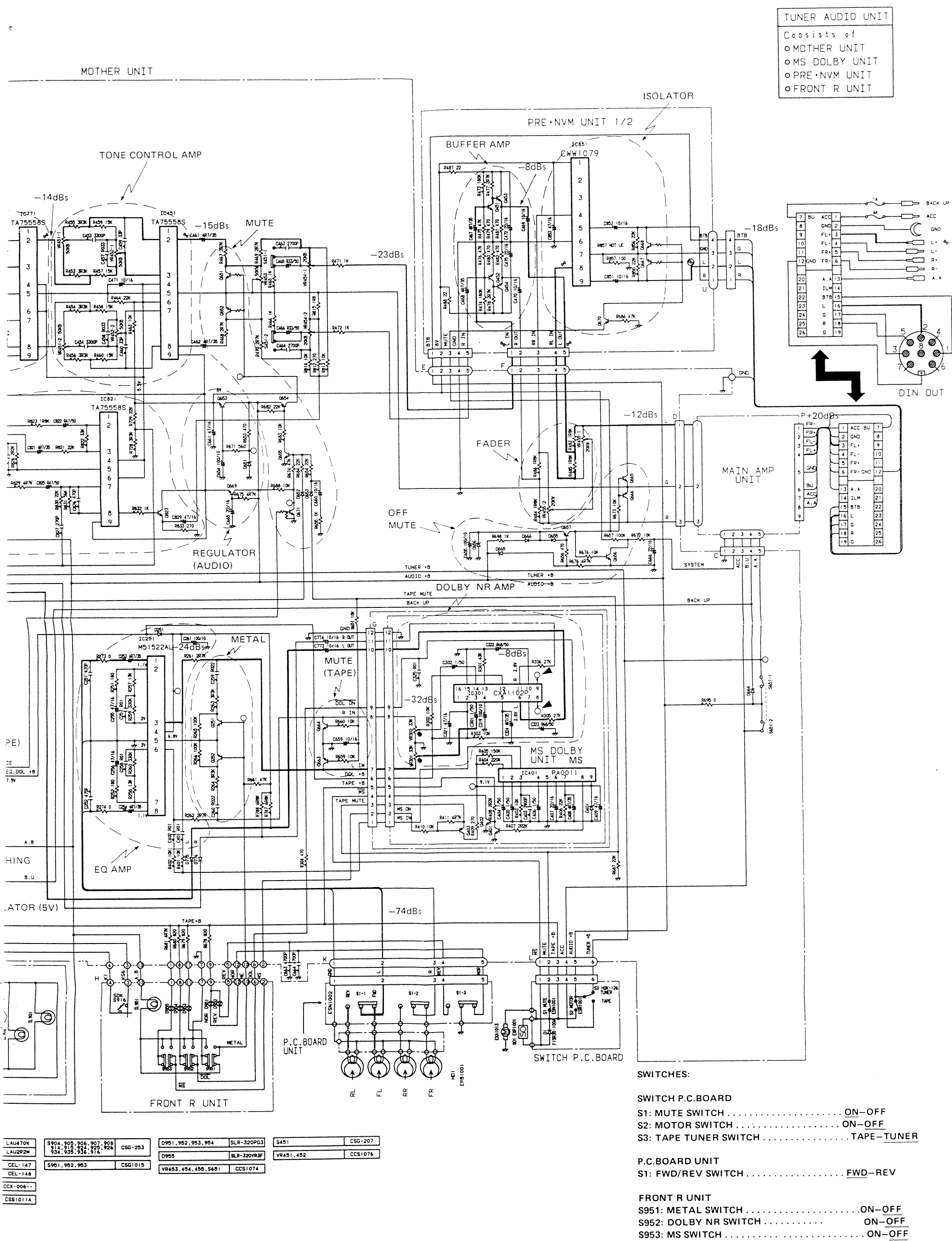
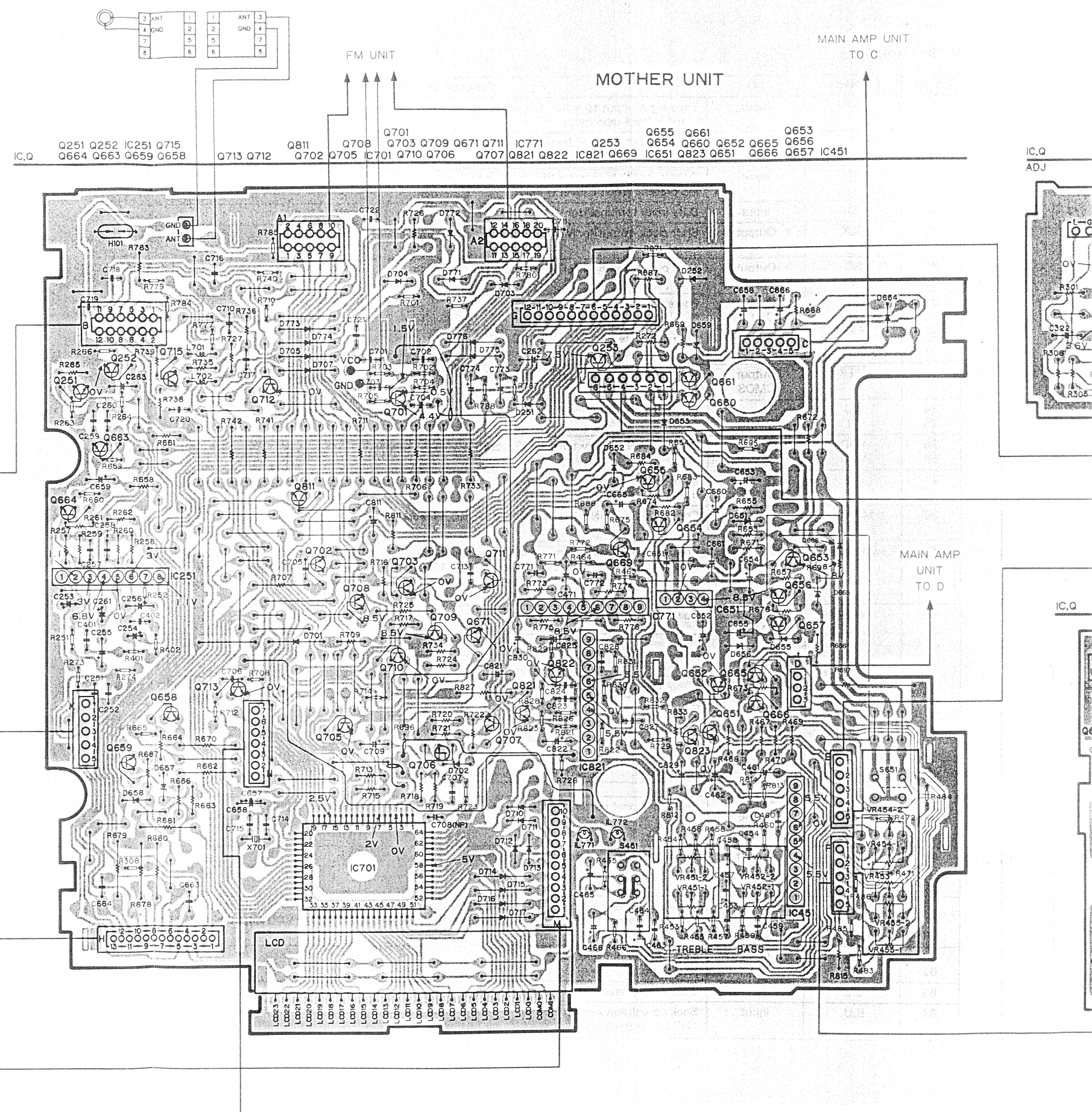
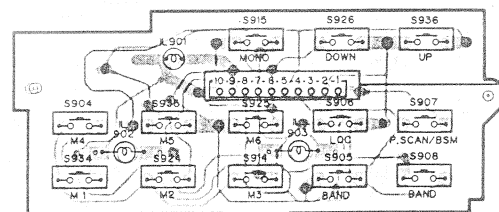


Fig. 9



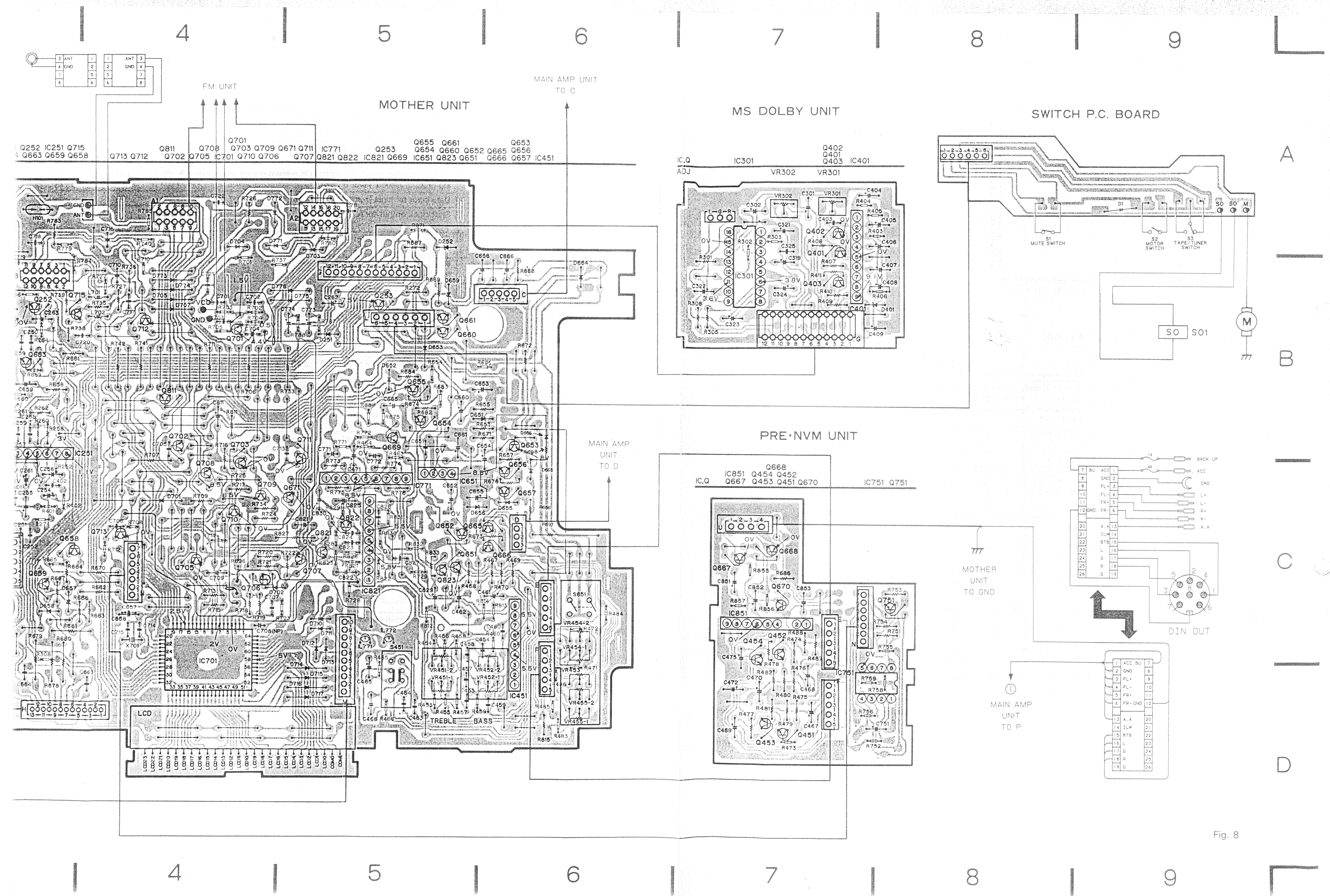
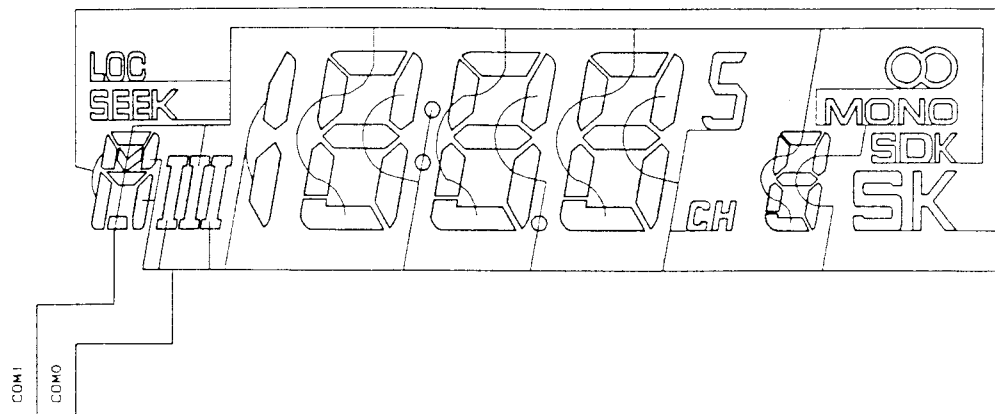


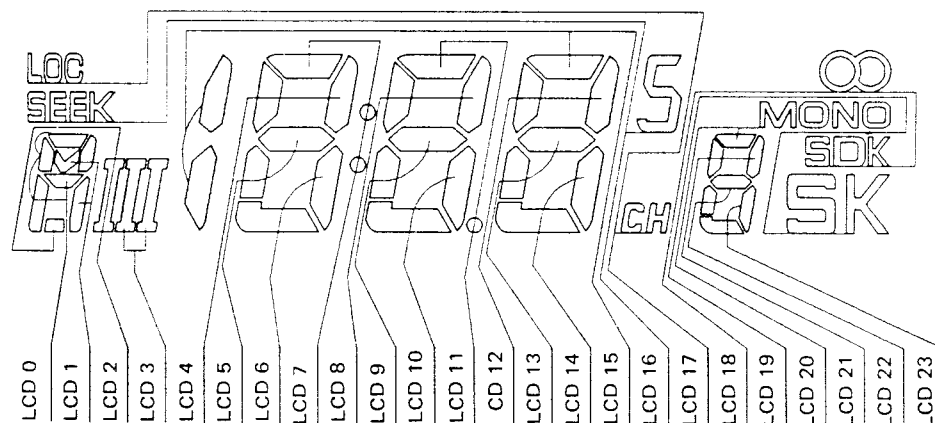
Fig. 8

• LCD (CWW1078,CWW1117)

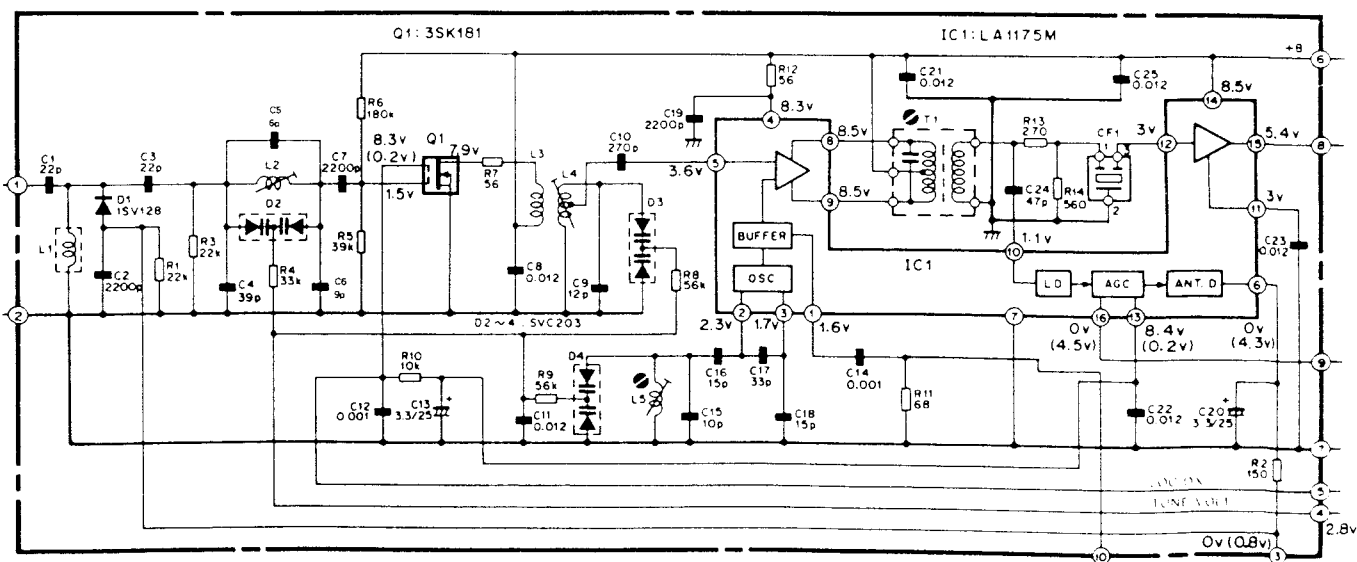
COMMON



SEGMENT



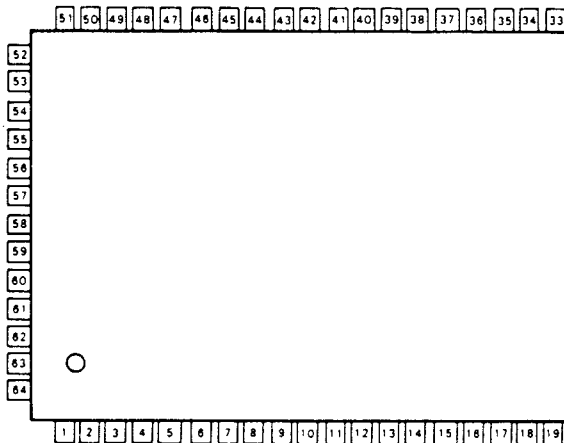
• Front End Unit (CWB1022)



●Pin Functions

Pin No.	Pin Name	I/O	Function and Operation																								
15	TAPE	Input	Tape signal input terminal. Since this terminal is A/D (analog/digital) input, 2.461 V and above is the H level tape mode.																								
16	IF	Input	MW, LW band center frequency input terminal. Used for broadcast detection in MW, LW band auto tuning.																								
17	SD	Input	Judges whether or not a broadcast is present during auto tuning. A broadcast is judged as being present when L level is input.																								
18	SI	Input	Data input terminal from NVM (IC751).																								
19	SCK	Output CMOS	Shift clock output for NVM (IC751).																								
20	SO	Output CMOS	Data output terminal for NVM (IC751).																								
21	$\overline{\text{EPW}}$	Output CMOS	Power control of NVM (IC751). "L" level: Power on																								
22	$\overline{\text{ECE}}$	Output CMOS	Chip enable terminal of NVM (IC751).																								
23	$\overline{\text{SEEK}}$	Output CMOS	"L" level: SEEK, BSM, BSA and PSCN																								
24	XO	Input CMOS	Quartz oscillator terminal connection terminal. 4.5 MHz quartz crystal used.																								
25	XI	Input CMOS																									
26	VDD		Device power supply terminal. 5V \pm 10% voltage supplied.																								
58	VDD																										
27	PEE	Output CMOS	Alarm output terminal. Alarm output when $\overline{\text{SK}}$ in $\overline{\text{SDK}}$ mode remains at H level continuously for more than 30 seconds.																								
28	MONO	Output CMOS	Controlled by MONO key. L level for MONO, H level output for AUTO.																								
29	$\overline{\text{DK OUT}}$		Controlled by $\overline{\text{DK IN}}$ (terminal # 12) input signal. L level output when DK IN input signal is detected as 125 Hz while SK IN (terminal # 13) input is L level. Since DK IN measurement operation is only performed in SDK mode, terminal is always H in SDK mode except under above noted conditions.																								
30	LOCH	Output CMOS	Halt sensitivity switching terminals controlled by LOC and BSM keys.																								
31	LOCL	Output CMOS	<table><tr><td></td><td>DX-SEEK (PSCN)</td><td>LOC-SEEK</td><td>BSM-L</td><td>BSM-M (AM)</td></tr><tr><td>LOCH</td><td>L</td><td>L</td><td>L</td><td>L</td></tr><tr><td>LOCL</td><td>L</td><td>H</td><td>L</td><td>H</td></tr></table> <table><tr><td></td><td>BSM-H</td><td>During broadcast reception</td></tr><tr><td>LOCH</td><td>H</td><td>L</td></tr><tr><td>LOCL</td><td>H</td><td>L</td></tr></table>		DX-SEEK (PSCN)	LOC-SEEK	BSM-L	BSM-M (AM)	LOCH	L	L	L	L	LOCL	L	H	L	H		BSM-H	During broadcast reception	LOCH	H	L	LOCL	H	L
	DX-SEEK (PSCN)	LOC-SEEK	BSM-L	BSM-M (AM)																							
LOCH	L	L	L	L																							
LOCL	L	H	L	H																							
	BSM-H	During broadcast reception																									
LOCH	H	L																									
LOCL	H	L																									
32	LCD23	Output CMOS	Segment signal output terminal to LCD. LCD display performed using COM0, COM1 matrices.																								
55	LCD0	Output CMOS																									
48	KS7	Output CMOS	Key return signal source output terminal.																								
55	KS0	Output CMOS																									
56	COM0	Output CMOS	Common signal terminal to LCD. GND, 1/2VDD, VDD values (5 ms interval) output at 100 Hz cycle. Segments between these terminals and LCD0 – LCD23 with \pm VDD potential difference are lit.																								
57	COM1	Output CMOS																									
59	K3	Input	Key matrix input terminal.																								
62	K0	Input																									
63	S.L.	Input	Station level analog voltage input.																								
64	B.U.	Input	Back up voltage sense terminal. "H" Level: Back up on																								

*PD4123 *PD4124A



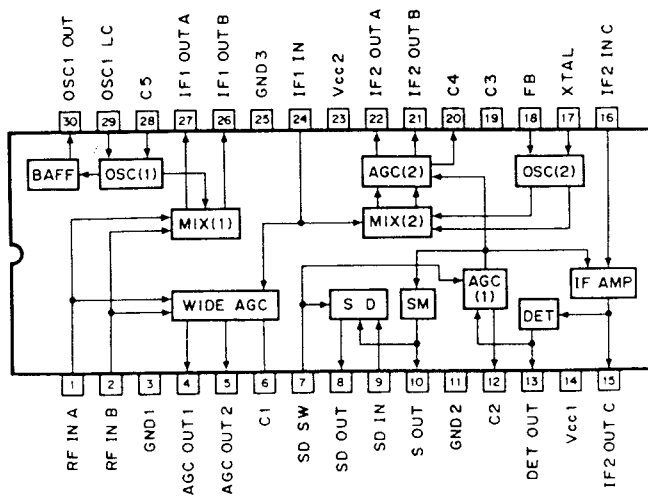
IC's marked by * are MOS type.

Be careful in handling them because they are very liable to be damaged by electrostatic induction.

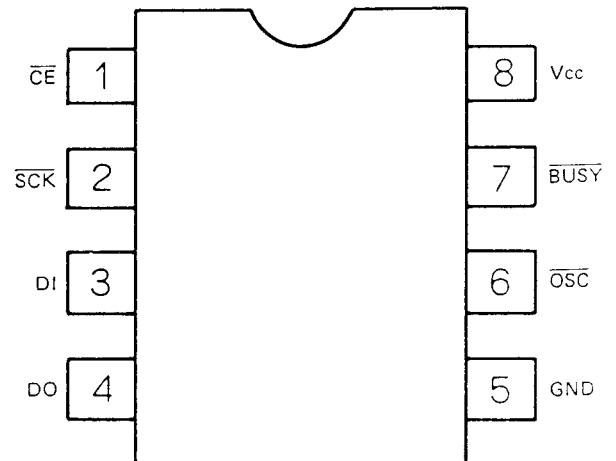
●Pin Functions (PD4123 and PD4124A)

Pin No.	Pin Name	I/O	Function and Operation																
1	NC	—	No. connected to internal chips.																
2 3	EO1 EO2	Output CMOS 3 state	PLL error output. H level output by these terminals when division of local oscillator frequency (VCO output) is higher than reference frequency. L level output when lower. This output is applied to a varactor diode, via an external low pass filter. EO1 and EO2 output identical waveforms.																
4 8	GND GND	— —	GND terminal																
5	AM IN		Not used.																
6	VCO IN	Input	AM: Inputs 0.6 — 15 MHz (0.3 Vp-p MIN) local oscillator reference frequency (VCO output). This terminal is active when direct division system is selected. FM: Inputs 15 — 150 MHz (0.5 Vp-p MIN) local oscillator reference frequency (VCO output). This terminal is active when swallow counter method is selected.																
7	CE	Input	Device signal input. H level during normal device operation, L level when device is not being used. PLL is in disable status while this terminal is L level. For models without clocks, internal clock and CPU operation is halted while this terminal is L level, and memory is maintained by low demand current (10 μ A MAX). Change of CE terminal from L to H results in device reset and the program to start from address 0.																
9 10	FM/AM LW	Output CMOS Pushpull	Power supply switching output terminal from tuner. Output as illustrated in following table according to outputs of two terminals. <table border="1"> <tr> <th></th><th colspan="3">BAND</th></tr> <tr> <th>PIN</th><th>FM</th><th>MW</th><th>LW</th></tr> <tr> <td>FM/AM</td><td>H</td><td>L</td><td>L</td></tr> <tr> <td>LW</td><td>L</td><td>L</td><td>H</td></tr> </table>		BAND			PIN	FM	MW	LW	FM/AM	H	L	L	LW	L	L	H
	BAND																		
PIN	FM	MW	LW																
FM/AM	H	L	L																
LW	L	L	H																
11	MUTE	Output CMOS Pushpull	Mute output. Output for elimination of shock noise when PLL lock is released. Active when high.																
12	DK IN	Input	Inputs message recognition signal (DK) sent during traffic information broadcasts only. Since the DK signal is sent by amplitude modulation of a 57 kHz subcarrier wave by 125 Hz, it counts the input signals in accordance with the program. A DX signal is judged as being preset when 125 Hz is detected twice consecutively. DK signal is judged as not being preset when 125 Hz is not detected 4 times consecutively. An interrupt operation is performed when a DK signal is judged as being present. This count is only performed in the SDK mode.																
13	SK IN	Input	Determines whether traffic information is being broadcast and inputs a broadcast detect signal (SK). Broadcast is detected when input signal is L level, and "SK" indicator is displayed. Besides being used as the SDK mode auto tuning stop signal, SK input controls the SK mode and SK alarm functions.																
14	ST	Input	Inputs stereo broadcast detection signal. Stereo is detected when input signal is L level, and "ST" indicator is displayed. Display is cleared when input signal is at H level. "ST" indicator is OFF during mute signal output.																

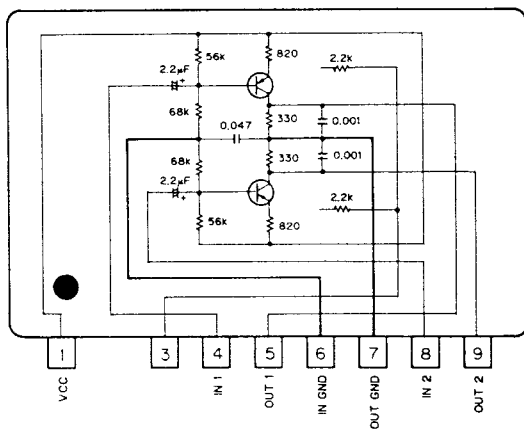
PA4010



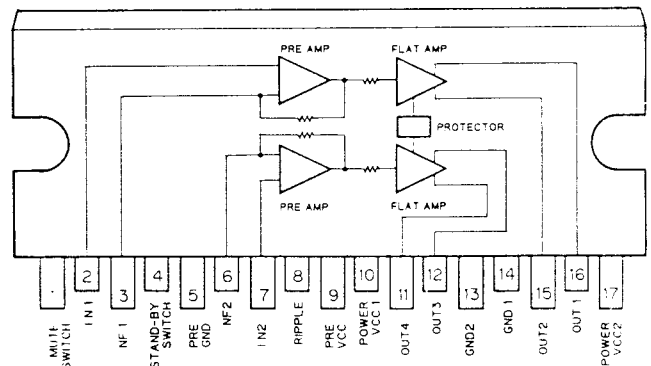
PDG011



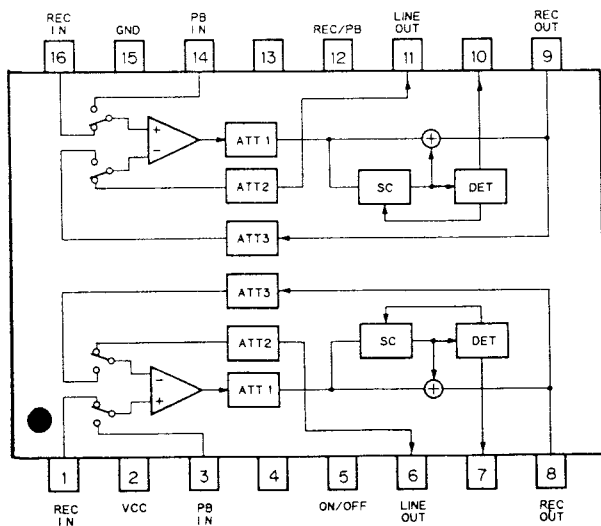
CWW1079



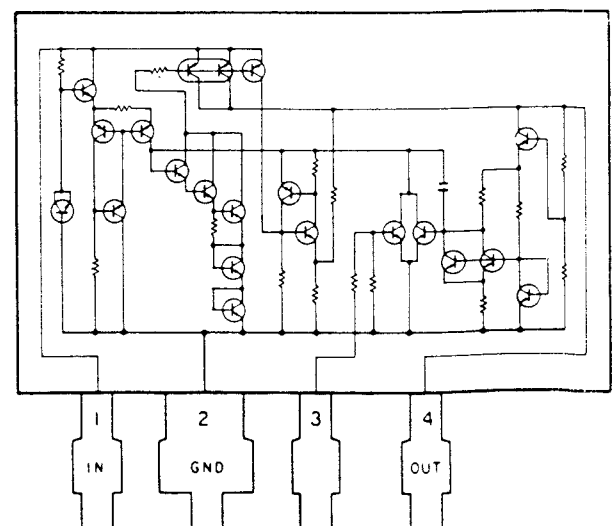
TA8205AH



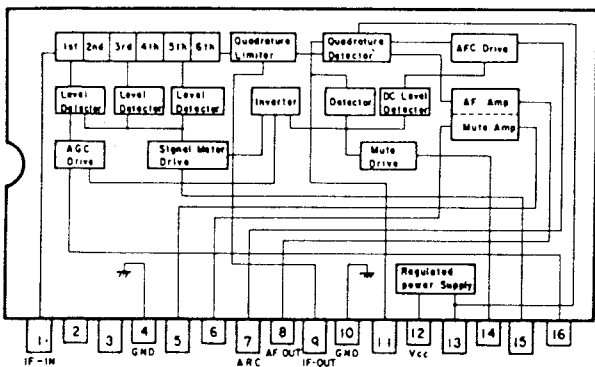
CX1102P



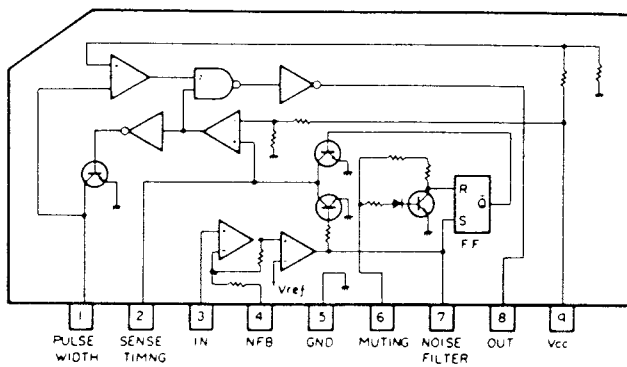
AN6540



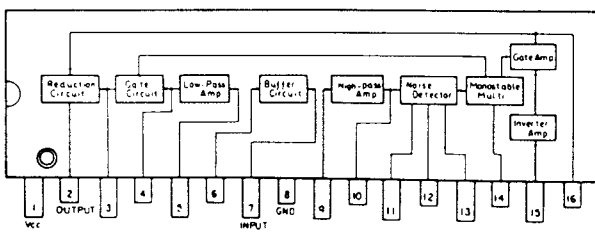
LA 1140B



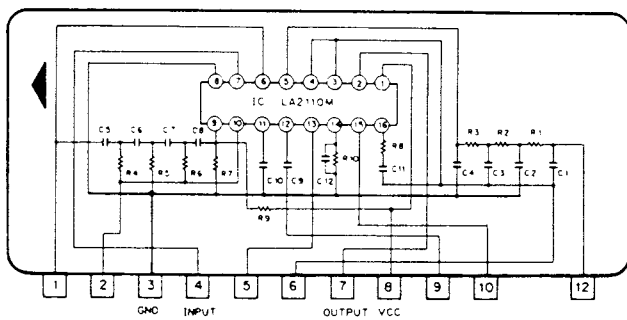
PA0011



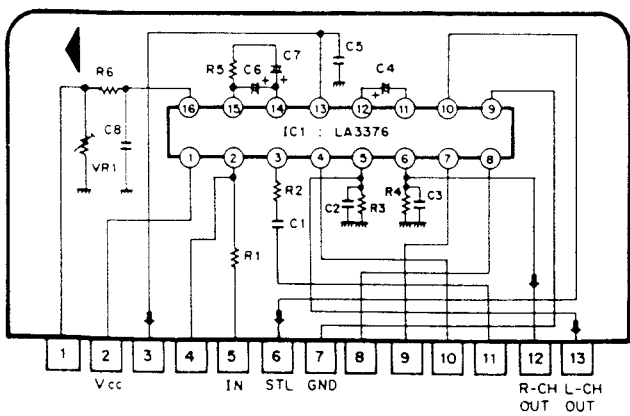
LA2110



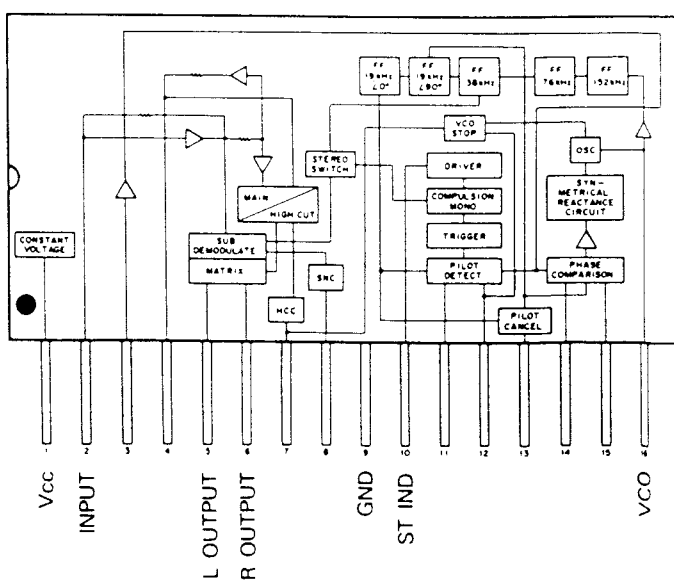
KHA115



MX3S400



LA3430P



7. 2 MW ADJUSTMENT

	No.	AM SSG(400Hz,30%)		Displayed Frequency (kHz)	Adjusting Point	Adjustment Method (Switch Position)
		Frequency (kHz)	Level (dB)			
Tuning Volt	1			1,602	T203	DC V Meter:Less than 6V
	2			531	T203	DC V Meter:More than 2V
IF	1	999	20-25	999	T204,205,206	mV Meter(1):Maximum

7. 3 LW ADJUSTMENT

	No.	AM SSG(400Hz,30%)		Displayed Frequency (kHz)	Adjusting Point	Adjustment Method (Switch Position)
		Frequency (kHz)	Level (dB)			
Tuning Volt	1			281	T203	DC V Meter:Less than 6V
	2			153	T203	DC V Meter:More than 2V

7. 4 FM ADJUSTMENT ※ Stereo MOD.: 1kHz,L+R = 90% ,Pilot = 10%

	No.	FM SSG(400Hz,100%)		Displayed Frequency (MHz)	Adjusting Point	Adjustment Method (Switch Position)
		Frequency (MHz)	Level (dB)			
IF	1	98.1	60	98.1	T51	Center Meter:0 (MONO Switch:MONO)
Front End	1			108.0	L5	DC V Meter:6.5±0.2V
	2			87.5	—	DC V Meter:More than 1.6V
	3	98.1	5-10	98.1	T1	mV Meter(1):Maximum
MPX	1	98.1 Pilot Only ※	60	98.1	VR151	mV Meter(1):Minimum
	2	98.1※	60	98.1	VR101	mV Meter(1):Best separation (MONO Switch:AUTO)
ARC	1	98.1※	60	98.1	VR152	mV Meter(1):Separation 5dB (MONO Switch:AUTO)